

C i t y o f W i n n i p e g

2000
Annual Capital
Estimates
and
2001 to 2005
Five-Year
Capital Forecast



B u d g e t
Estimates

Adopted by Council
December 16, 1999



The City of Winnipeg

**2000 Annual Capital Estimates
and
2001 to 2005
Five-Year Capital Forecast**

Adopted by Council on December 16, 1999

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The City of Winnipeg*



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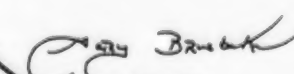


GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

**PRESENTED TO
City of Winnipeg,
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**For the Fiscal Year Beginning
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Executive Director

*The Government Finance Officers Association of the United States and Canada (GFOA) presented an award of
Distinguished Presentation to the City of Winnipeg, Manitoba, Canada for its annual budget for the fiscal year
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*In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a
policy document, as an operations guide, as a financial plan, and as a communications device.*

*The award is valid for a period of one year only. We believe our current budget continues to conform to program
requirements, and we are submitting it to GFOA to determine its eligibility for another award.*

Reader's Guide

This Reader's Guide is intended to provide the reader with a basic understanding of the budget documents developed from the budgeting process, as well as briefly describe the content and layout of each of the budget documents.

The budget documents have several purposes:

- As a **policy document**, they outline the financial policies that guide the development of the budget as well as articulate financial priorities and issues;
- As a **financial plan**, they provide, in dollar terms, operating plans for the next three years and capital investment plans for the next six years;
- As an **operations guide**, the budget documents help City departments manage their day-to-day operations by providing important financial and policy information and by identifying the financial and staffing resources available to carry out their activities; and
- As a **communications device**, the documents give all readers a comprehensive look at the services provided by the City and the costs related to those services.

This document, the **2000 Annual Capital Estimates and 2001 to 2005 Five-Year Capital Forecast**, which was adopted by City Council on December 16, 1999, provides summary and detailed information of capital projects and financing for the capital program. A section entitled Capital Projects Summary provides a listing of proposed capital projects for 2000 through to 2005, highlighting proposed financing methods and the necessary related borrowing requirements. The Capital Projects Detail section gives additional details about each project in the estimates, including project descriptions and a six-year financial forecast.

The 2000 to 2002 Preliminary Current Estimates budget documents, tabled on February 2, 2000 are comprised of three volumes:

1. The **Overview** summarizes all key budget issues to form the reference point for budget information for the tax-supported budget, and the City's utility operations. It provides an overview of the environment within which the budget is considered, discusses key issues and trends affecting revenues and expenditures, and examines the impact of the 2000 to 2002 budget decisions.
2. The **Tax-Supported Estimates** focus on the details of the general operating budgets for tax-supported departments. Described are the program areas and services provided by the departments, budget strategies and objectives, the operating revenue, expenditure dollars, and staffing associated with each. Some of the main components of the tax-supported budget include public safety and protection services, public works, community services, general government services and corporate expenditures.
3. The **Utility Operations** Estimates provide detailed information for the services which are of a self-supporting nature such as the Hydro Electric System, Waterworks System, Sewage Disposal System, and Solid Waste Disposal System. Partially subsidized operations include Ambulance Services and the Transit System which have an effect on the tax-supported budget as any deficit generated by these services flows through to the tax-supported budget as a corporate expenditure. For any profit-making utilities, transfers may flow into the tax-supported budget as a revenue item. Three other funds provide services to other City departments on a cost recovery basis. They include the Equipment and Materials Services Fund, the Civic Accommodations Fund, and the Public Works Facilities Maintenance Fund.

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The City of Winnipeg

Overview

2000 Annual Capital Estimates

and

2001 to 2005 Five-Year Capital Forecast

Adopted by Council on December 16, 1999

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Highlights

- ***Moving closer to pay-as-you-go*** - For the first time, the City's tax-supported capital program has been balanced for all six years with no new external debt - four years ahead of the original plan. This budget achieves the goal of internally financing the total borrowing requirements of the tax-supported capital program. Also, much of the capital program for the City's water and sewer utilities is funded on a pay-as-you-go-basis.
- ***A six-year plan to renew residential streets*** - The proposed budget includes a residential street renewal program which accelerates over the six-year period from an annual program of \$5 million to a \$10 million program. The total amount included for residential street renewal over the six-year period is almost \$47 million. The City will attempt to lever funding from other levels of government to augment the program. These estimates also include over \$11.7 million over six years for curb repair, sidewalk and lane renewals.
- ***Lower debt and finance charges*** - Over the past few years, Council has reduced its capital program to address concerns about rising debt and finance charges. Initially, a self-imposed borrowing cap on tax-supported programs was adopted. More recently, a decision to eliminate new external debt authorizations for tax-supported projects is being recommended. These initiatives will all have a positive impact on the City's goal to reduce its debt and finance charges and reduce the pressure on property taxes.
- ***Priority capital improvement work will be completed*** - The 2000 capital program is \$135 million. Some of the major projects for 2000 include:
 - Public Works (primarily regional and local street projects including initial funding for the Provencher Bridge) \$24.1 million
 - Watermain and sewer renewals \$24.0 million
 - Winnipeg Hydro infrastructure \$29.4 million
 - Transit bus replacement \$10.7 million
- ***Long term infrastructure renewal*** - The City recognizes that its infrastructure requires renewal. A five-year plan has been proposed for the years 2001 to 2005 which would see a further \$980 million spent on capital works.

Introduction

Public Consultation

In order to solicit ideas and comments from the public for the City's 1999 and 2000 budget process, a survey of citizens was conducted and seven community workshops were held. A separate session was conducted by the Chief Financial Officer with representation from business, labour, arts and culture, and citizen groups. These sessions and the results of the survey produced meaningful discussion on many of the major issues facing the City including capital budgets in general.

Street renewal was a major concern expressed both at the community workshops and at the administrative session, as well as in the feedback from the survey. It was suggested that the City should focus on repairing the current infrastructure rather than building new infrastructure. It was felt that, in order to sustain the infrastructure that we currently have, the City would have to develop more partnerships. Continued support for the City's debt management strategy was also expressed. The capital budget enhances investment in street renewal while maintaining the fiscal restraint necessary to stay on track with the City's debt reduction plan.

In addition, public representation was encouraged at meetings of the various Committees of Council.

Process and Schedule

The adoption of The City of Winnipeg's capital budget is a major part of the process to plan, coordinate and provide infrastructure and capital amenities for the use and benefit of citizens. City Council is required by The City of Winnipeg Act to adopt annual estimates including the amount the City will require to raise or expend in the year for capital. City Council is also required by The City of Winnipeg Act to prepare and approve a capital program for the five years following the current year. The 1999 Capital Estimates were adopted without approving the five-year forecast as the newly elected Council required time to develop its longer term priorities. This document includes the Adopted 2000 Capital Estimates and the 2001 to 2005 Five Year Capital Forecast.

Draft capital estimates were prepared by the administration and were reviewed by the Chairperson of the Standing Committee on Fiscal Issues. They were tabled with the Executive Policy Committee on May 26, 1999 as Preliminary Estimates.

In accordance with the City's Organizational By-law, the Executive Policy Committee then referred the estimates to the Community Committees and the Standing Policy Committees of Council for review and recommendation. This year comments had been requested from Community Committees by June 15, 1999 and from Standing Policy Committees by July 7, 1999. After considering the Committees' recommendations, the Executive Policy Committee tabled its final recommendations with Council for debate and adoption. Executive Policy Committee's final recommendations were tabled on December 8, 1999 with final review by Council on December 16, 1999. Representation from the public was invited at these meetings providing further opportunity for public input during these final stages of the budget process.

Once the budget was adopted by Council, the borrowing by-law to finance the capital program was given first reading. In accordance with legislation, the required borrowing was approved by the Minister of Finance of the Province of Manitoba. The by-law was given second and third reading January 26, 2000, and the budget can now be implemented.

Budget Amendment Process for Capital

From time to time during the year it may be necessary to amend the budget. Any new capital project, whether funded by surpluses from other projects or by new funding, must be approved by Council. Additional borrowing authority must be approved by the Minister of Finance of the Province of Manitoba and enacted through a by-law of Council.

Transfers of budgets between existing capital projects can be approved by a Standing Policy Committee of Council. If the transfer is smaller than \$100,000 or 25% of the budget being increased (whichever is the lesser), the transfer can be approved by the City Administration.

Every few years, outstanding borrowing authority is reviewed and cancelled as appropriate. Any incomplete projects involved are given new borrowing authority for the remainder of their requirements by means of a Supplementary Capital Budget. The Supplementary Capital Budget and the supplementary borrowing by-law must be approved by Council. The most recent Supplementary Capital Budget process occurred in 1996. Outstanding borrowing authorizations from 1990 back to 1984 were cancelled.

Policy Directives

The City's main policy documents provide direction in determining the capital program.

Plan Winnipeg is the City's overall long-range policy plan intended to guide Winnipeg into the 21st century. All other documents, including budgets, must be congruent with Plan Winnipeg. To ensure alignment of the capital estimates to Plan Winnipeg, each capital project has been cross-referenced to it by identifying the specific chapter and section to which the project relates.

With the election of a new City Council on October 28, 1998 a new Plan Winnipeg consultation and planning process is under way. A revised "*Plan Winnipeg . . . toward 2010*", to be called "*Plan Winnipeg . . . 2020 Vision*", will be addressed by Council in the Spring of 2000.

Council Priorities have been set, based on Plan Winnipeg's policy direction, identifying those areas where the strongest efforts and energy will be expended. These priorities include:

- Cost of running Winnipeg's government
- Infrastructure renewal
- Economic development
- Safety
- Downtown
- Housing and neighbourhood renewal

Corporate Planning and Budgeting direct the civic administration to act upon Council's priorities. The long term direction provided by Plan Winnipeg and the shorter term priorities articulated by Council have formed the basis for the establishment of corporate goals which in turn have directed the corporate budget process. In the end, this is where Council and senior management agree on what needs to get done and how it will happen.

The Financial Management Plan was adopted in July 1995 and is currently being updated. It is the City's strategy to guide its financial decision making, protect its ability to meet long-term obligations, and improve its economic position and financial stability. A specific goal was set out in the Financial Management Plan to reduce the City's debt. The objective of debt reduction puts pressure on meeting another important goal of the Financial Management Plan, that is, to renew infrastructure. The challenge is to maintain a balance between these two important but competing goals. This capital budget attempts to achieve a reasonable balance as directed in the Financial Management Plan – to manage the City's reliance on external debt while maintaining the existing infrastructure on a priority basis.

The Capital Priority Rating System - The City of Winnipeg Act stipulates that the capital program must show priorities as well as estimates of the proposed source and application of funds for each year. For many years, the City has used a Council-approved priority rating system to rank capital projects in order of priority on a City-wide basis. The system recognizes two basic factors, one being the importance of the service being provided, and the second being the impact of not proceeding with the project. These priority ratings are presented for each project in the *Capital Projects Detail* section of this document. A full description of the capital priority rating system is included as an exhibit in this document.

Council-Approved Borrowing Cap - During the 1996 capital budget deliberations, Council approved a \$61 million borrowing cap for the tax-supported budget. This cap included both internal financing and external debt. It was implemented as a means to control debt and finance charges in the tax-supported budget.

During the 1997 capital budget deliberations, Council felt that more stringent measures must be taken to maintain and improve the City's credit rating and to ensure the long term financial health of the City. As a result, Council approved a plan to reduce the capital program for a two-year period (1997 and 1998) below the \$61 million cap. In 1999, no new external debt was authorized for the tax-supported program, including transit – a first for the City.

On April 14, 1999, Executive Policy Committee further directed that the Preliminary 2000 Annual Capital Estimates and the 2001 to 2005 Five-Year Capital Forecast be developed so that no new external borrowing would be required for the tax-supported portion. The result was a further reduction to the capital program reflected in the adopted budget and forecasts as follows:

(in millions of \$)	2000	2001	2002	2003	2004	2005	Total
Borrowing Cap	\$ 61.0	61.0	61.0	61.0	61.0	61.0	\$ 366.0
Internal Borrowing	\$ 44.8	48.4	52.2	56.4	61.0	61.0	\$ 323.8
Reduction required to eliminate tax-supported external borrowing	\$ 16.2	12.6	8.8	4.6	-	-	\$ 42.2

It should be noted that the Executive Policy Committee recommended the above borrowing restrictions at its own initiative in order to improve the City's fiscal health and future viability. The City's legal borrowing limit, that is the limit externally imposed upon the City by legislation, relates only to external borrowing and is not a pre-set specific dollar amount. Section 282 of The City of Winnipeg Act requires the City to obtain authorization from the Minister of Finance of the Province of Manitoba for all external borrowing requirements. The authority approved by the Minister of Finance constitutes the City's legal borrowing limit.

2

Budget Summary

The Total 2000 Capital Program Continues to Move the City to "Pay-As-You-Go"

The total adopted capital program for 2000 and the method of financing is outlined in the following table. The program for 2000 is \$135.0 million compared to the 1999 program of \$142.4 million¹ (1998 - \$133.7 million). In this budget, the City achieves the goal of financing all tax-supported capital projects without external debt.

2000 TOTAL CAPITAL PROGRAM, INCLUDING UTILITIES (in millions of \$)					
	GROSS	METHOD OF FINANCING			
		City			Provincial Funding
		Debt	Pay-as-You-Go*	Other**	
Tax-supported:					
General	\$ 72.5	\$ -	\$ 61.4	\$ 0.5	\$ 10.6
Transit	11.2	-	5.9	-	5.3
Sub-total	83.7	-	67.3	0.5	15.9
Utility:					
Hydro	29.4	29.4	-	-	-
Water/Sewer	21.9	-	21.9	-	-
Sub-total	51.3	29.4	21.9	-	-
TOTAL	\$ 135.0	\$ 29.4	\$ 89.2	\$ 0.5	\$ 15.9

* Pay-as-you-go financing includes internal financing through the General Reserve, financing from retained earnings or special reserves, and dedicated revenue streams such as frontage levies and special utility rate charges.

** Other relates to development agreement paybacks.

¹ The 1999 capital program included infrastructure repair costs related to the 1997 flood

Total Six-Year Capital Program

The total program, including the five-year forecast, is \$1,115.2 million as follows:

TOTAL GROSS CAPITAL PROGRAM, INCLUDING UTILITIES 1999 - 2005 (in millions of \$)							
Adopted 1999*	Adopted 2000	Capital Forecast					Total 2000 - 2005
		2001	2002	2003	2004	2005	
\$ 142.4	\$ 135.0	\$ 154.7	\$ 167.6	\$ 187.4	\$ 230.7	\$ 239.8	\$ 1,115.2

* Includes infrastructure repair costs related to the 1997 flood.

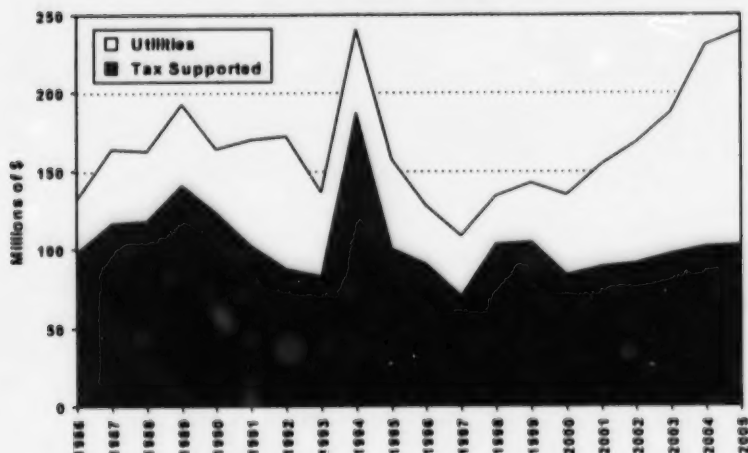
The breakdown of the gross capital program into tax-supported capital works and utility projects follows:

TOTAL GROSS CAPITAL PROGRAM 1999 - 2005 (in millions of \$)			
	Tax-Supported (Including Transit)	Utilities	Total
Adopted 1999	\$ 104.3	\$ 38.1	\$ 142.4
Adopted 2000	83.7	51.3	135.0
2001	88.7	66.0	154.7
2002	90.9	76.7	167.6
2003	96.8	90.6	187.4
2004	101.3	129.4	230.7
2005	102.1	137.7	239.8
2000 - 2005 Total	\$ 563.5	\$ 551.7	\$ 1,115.2

Approximately \$563.5 million or 51% of the 6-year program is allocated to tax-supported projects – \$77.3 million of this amount relates to Transit. The remaining \$551.7 million or 49% is dedicated to utility projects.

The following graph provides an historical analysis of the capital programs approved from 1986 to 2000. It also shows the forecast for the period 2001 to 2005. The tax-supported program has stayed relatively stable on average over the years with the exception of the inclusion of the Canada/Manitoba/Winnipeg Infrastructure Program in 1994. The utility program does show growth, primarily due to a new water treatment plant being proposed to start in 2000 and be in operation by 2006. An amount of \$201.5 million has been included in this capital program to build the plant, of which \$98.5 million will be financed from the reserve set up for this purpose.

Total Capital Program Tax-Supported and Utilities 1986 - 2005



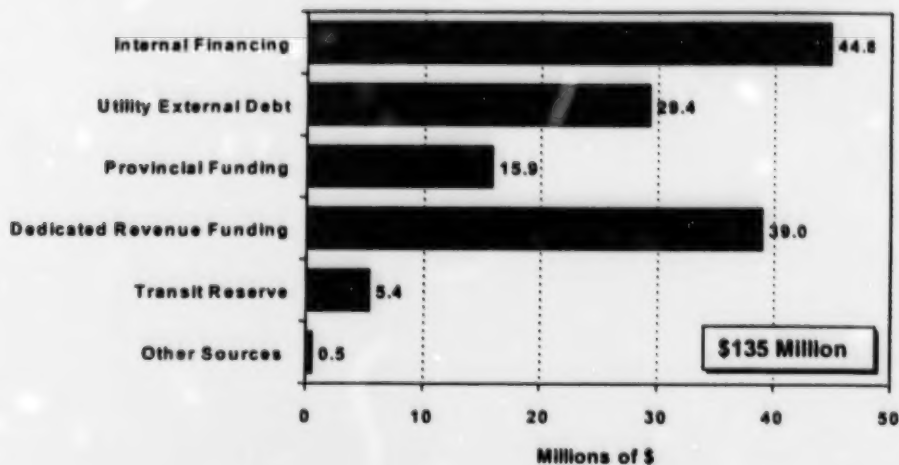
1986-2000 Adopted Budgets

2001-2005 Adopted Five-Year Capital Forecast

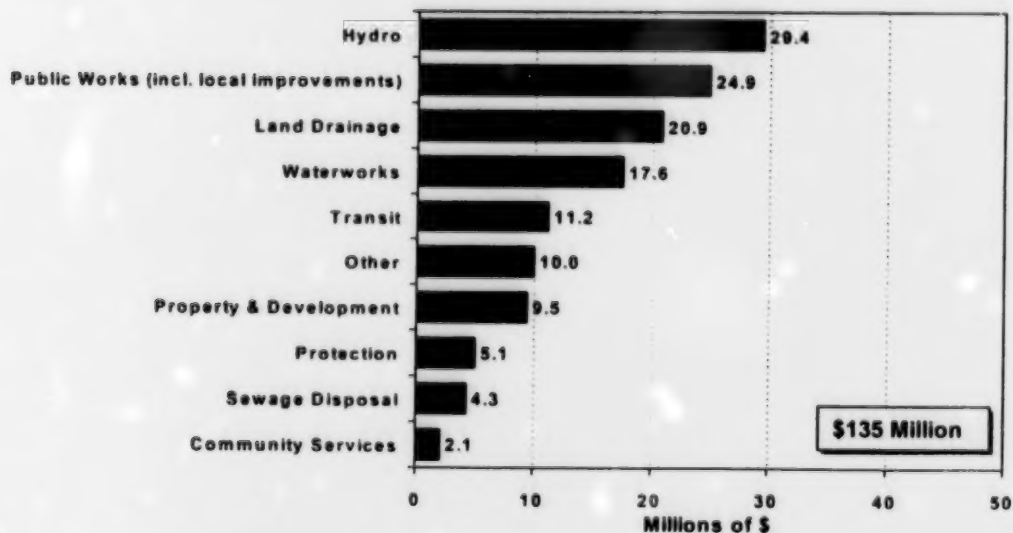
NOTE: 1994 includes the Canada/Manitoba/Winnipeg Infrastructure Program

The following bar charts show the breakdown of the total 2000 capital program, first by sources of funding, and then by program. The total 2000 program is \$135 million.

Sources of Capital Funding 2000



How Total Capital Dollars Are Spent 2000



Major Projects

The 2000 adopted capital budget includes a number of important infrastructure rehabilitation initiatives for the citizens of Winnipeg. The residential street renewal program of \$5.3 million, regional street renewal program of \$7.1 million, and preliminary funding for the Provencher Bridge are the major components of the Public Works capital budget. The continued rehabilitation of the Shoal Lake Aqueduct, and watermain and sewer renewals form a large portion of the Water and Waste capital budget. Winnipeg Hydro will continue rehabilitation work on Pointe du Bois and Slave Falls generating station equipment. In addition, there are other smaller or routine capital estimates for the replacement of transit buses, community development initiatives, and information systems maintenance and enhancements.

An overview of the total capital program identifies some of the major program areas:

TOTAL GROSS CAPITAL PROGRAM 1999-2005 (in millions of \$)								
	Adopted 1999	Adopted 2000	Capital Forecast					2000-2005 Total
			2001	2002	2003	2004	2005	
Tax-Supported:								
Public Works (<i>incl. Local Improvements</i>)	\$ 30.3	\$ 24.9	\$ 40.4	\$ 37.8	\$ 41.5	\$ 44.3	\$ 40.0	\$ 228.9
Water & Waste (<i>Land Drainage</i>)	18.8	20.9	20.4	24.0	21.0	23.5	24.5	134.3
Transit	10.4	11.2	11.2	13.0	12.9	14.3	14.7	77.3
Property & Development	11.4	9.5	6.9	7.5	10.7	8.5	7.4	50.5
Community Services (<i>incl. Incentive Grants</i>)	13.6	2.1	1.8	3.1	3.4	4.2	3.9	18.5
Protection	4.6	5.1	1.6	-	0.9	0.2	4.1	11.9
Other	15.2	10.0	6.4	5.5	6.4	6.3	7.5	42.1
Total Tax-Supported	\$ 104.3	\$ 83.7	\$ 88.7	\$ 90.9	\$ 96.8	\$ 101.3	\$ 102.1	\$ 563.5
Utility Operations:								
Waterworks	\$ 12.2	\$ 17.6	\$ 15.6	\$ 17.5	\$ 36.4	\$ 91.4	\$ 91.6	\$ 270.1
Hydro	18.4	29.4	37.8	37.9	35.6	27.9	34.2	202.8
Sewage Disposal	7.5	4.3	12.6	21.3	18.6	10.1	11.9	78.8
Total Utilities	\$ 38.1	\$ 51.3	\$ 66.0	\$ 76.7	\$ 90.6	\$ 129.4	\$ 137.7	\$ 551.7
Total	\$ 142.4	\$ 135.0	\$ 154.7	\$ 167.6	\$ 187.4	\$ 230.7	\$ 239.8	\$ 1,115.2

A summary of all projects is included under the tab *Capital Projects Summary* and specific details of various projects comprising the program can be found under the tab *Capital Projects Detail* found later in this document.

Financing for the Total Gross Capital Program

To finance capital projects, the City uses both external and internal financing. External financing requires the City to issue debentures on the capital markets. Internal financing is a method whereby the City finances tax-supported capital projects by borrowing from its own General Reserve Fund. These borrowings replicate typical debenture issues by establishing amortization schedules for regular payments of principal and interest over a defined time frame. The City's General Revenue Fund pays back the General Reserve Fund. The City's General Reserve Fund grows annually by the amount of interest payments, thus enabling increased ability to finance further capital projects. In addition, this source of financing allows greater flexibility than is available through debenture debt financing. General reserve internal financing is considered tax-supported borrowing as the annual payments of principal and interest are budgeted for in the City's current estimates. All borrowing requirements for tax-supported programs are completely internally financed in the six-year plan proposed.

A summary of the financing for the total gross capital program follows:

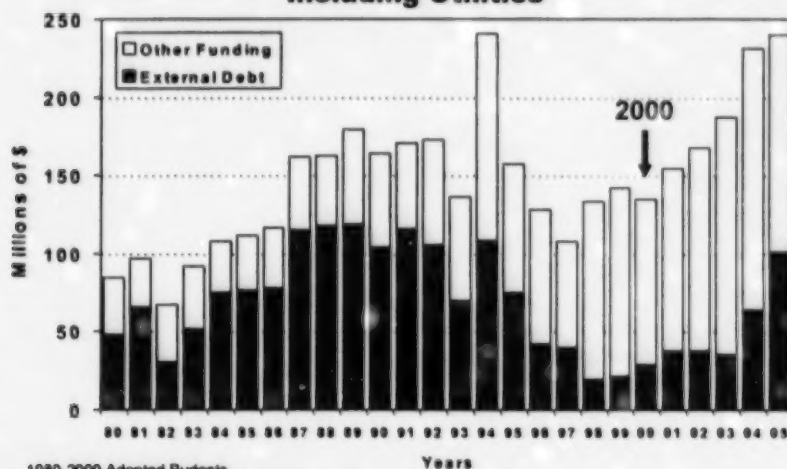
FINANCING SOURCES FOR THE TOTAL GROSS CAPITAL PROGRAM								
1999-2005								
(in millions of \$)								
	Adopted 1999	Adopted 2000	Capital Forecast					2000-2005 Total
			2001	2002	2003	2004	2005	
Internal Financing	\$ 41.5	\$ 44.8	\$ 48.4	\$ 52.2	\$ 56.4	\$ 61.0	\$ 61.0	\$ 323.8
External debt (Utilities)	22.1	29.4	37.8	37.9	35.6	63.9	101.2	305.8
Sub-total Borrowing	63.6	74.2	86.2	90.1	92.0	124.9	162.2	629.6
Provincial Funding*	27.4	15.9	14.6	14.5	16.0	16.0	16.0	93.0
Frontage Levy, Special Utility Rate Charges, and Utility Retained Earnings	31.6	39.0	46.8	57.4	73.5	84.1	55.1	355.9
Transit Reserve	4.2	5.4	5.6	5.6	5.6	5.7	5.9	33.8
Other Sources**	15.6	0.5	1.5	-	0.3	-	0.6	2.9
Sub-total Other Financing	78.8	60.8	68.5	77.5	95.4	105.8	77.6	485.6
Total	\$ 142.4	\$ 135.0	\$ 154.7	\$ 167.6	\$ 187.4	\$ 230.7	\$ 239.8	\$ 1,115.2

* Provincial funding for the period from 2003 to 2005 assumes a continuation of UCPA agreements. The assumed Provincial commitment is \$96 million over six years.

** Other Sources for the years 2000 to 2005 include recoveries from developers and the Charleswood Transportation Levy (pending review).

The following graph shows the trend in funding sources from 1980 to 2005. The data for 1980 to 2000 represents adopted budgets, and the figures for 2001 to 2005 are based on the five-year forecast.

Sources of Funding for Total Capital Program Including Utilities



1980-2000 Adopted Budgets

2001-2005 Adopted Five-Year Capital Forecast

NOTE: 1994 Includes Canada/Manitoba/Winnipeg Infrastructure Program

Other includes pay-as-you-go and Provincial funding

Note that starting in 1999, tax-supported financing is on a pay-as-you-go basis and the proposed external debt required is for utilities only.

Financing for Tax-Supported Projects, Including Transit

Financing sources for the 2000 to 2005 tax-supported capital budget are as follows:

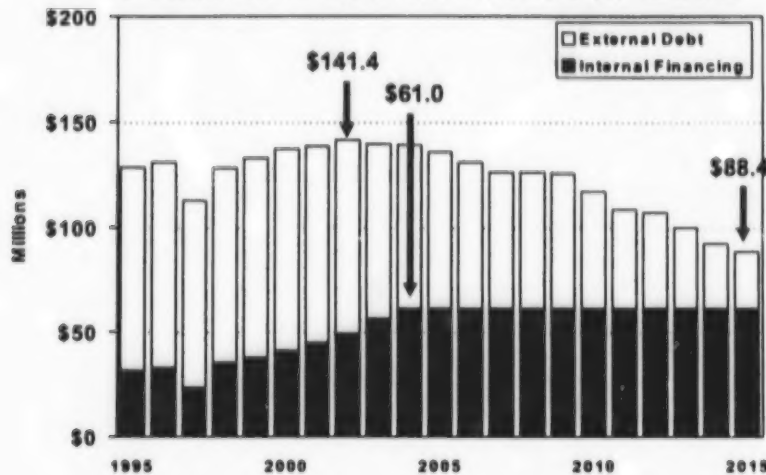
FINANCING SOURCES FOR THE TAX-SUPPORTED CAPITAL PROGRAM - INCLUDING TRANSIT								
1999-2005								
(in millions of \$)								
	Adopted	Adopted	Capital Forecast					2000-2005 Total
	1999	2000	2001	2002	2003	2004	2005	
Internal Financing	\$ 41.5	\$ 44.8	\$ 48.4	\$ 52.2	\$ 56.4	\$ 61.0	\$ 61.0	\$ 323.8
External Debt	-	-	-	-	-	-	-	-
Provincial Funding	27.4	15.9	14.6	14.5	16.0	16.0	16.0	93.0
Dedicated Revenue Funding - Frontage Levy	15.6	17.1	18.6	18.6	18.5	18.6	18.6	110.0
Transit Reserve	4.2	5.4	5.6	5.6	5.6	5.7	5.9	33.8
Other Sources	15.6	0.5	1.5	-	0.3	-	0.6	2.9
Total	\$ 104.3	\$ 83.7	\$ 88.7	\$ 90.9	\$ 96.8	\$ 101.3	\$ 102.1	\$ 563.5

In keeping with Council's direction to improve the City's fiscal health and future viability, the adopted 1999 and 2000 and the 2001 to 2005 tax-supported capital programs have eliminated the need for new external debt.

Debt and Finance Charges

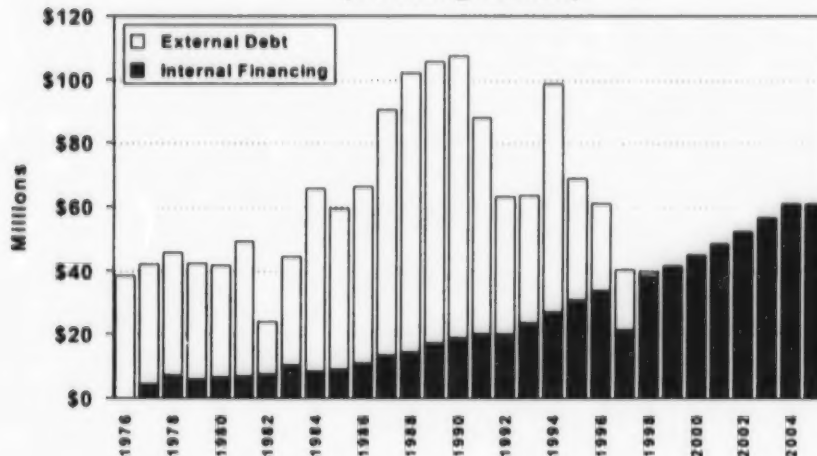
Prior borrowing authorizations from the late 1980's and early 1990's will continue to result in increased debt and finance charges until 2002. The City has taken measures to reduce the impact of higher debt and finance charges including limiting the amount of new capital spending to the amount available each year in the General Reserve Fund. This practice is projected to continue until 2004 when there will be sufficient funding available from the General Reserve Fund to internally finance the entire \$61.0 million borrowing limit. The City did not issue any new tax-supported debt in 1998 as there was sufficient cash flow from operations available to provide for all financing needs in 1998. Debt and finance charges are now forecasted to peak in 2002 at \$141.4 million which is down \$9.3 million from what was projected in 1998.

Tax-Supported Debt Servicing Costs to Peak in the Year 2002



Based on the 1999 and 2000 Adopted Capital Budgets and 2001-2005 Five-Year Capital Forecast capped at \$61.0 million per year commencing in 2004 with revised General Reserve Financing. Excludes Civic Buildings.

Tax-Supported Capital Program Internally Financed Starting in 1999 (including Transit)



1976-2000 Adopted Budgets

2001-2005 Adopted Five-Year Capital Forecast

NOTE: 1994 includes the Canada/Manitoba/Winnipeg Infrastructure Program

Provincial Funding

The total Provincial funding included in the 2000 to 2005 capital program is \$93 million. An overview is provided below.

PROVINCIAL FUNDING 2000 - 2005 (in millions of \$)							
	Adopted 2000	Capital Forecast					2000-2005 Total
		2001	2002	2003	2004	2005	
UCPA III	\$ 14.6	\$ 14.6	\$ 14.5	\$ -	\$ -	\$ -	\$ 43.7
UCPA IV *	-	-	-	16.0	16.0	16.0	48.0
Sub-total UCPA	14.6	14.6	14.5	16.0	16.0	16.0	91.7
VLT Revenue for Convention Centre	1.3	-	-	-	-	-	1.3
Total	\$ 15.9	\$ 14.6	\$ 14.5	\$ 16.0	\$ 16.0	\$ 16.0	\$ 93.0

* Assumes continuation of UCPA agreements once UCPA III is finalized at \$96 million over six years.

Urban Capital Projects Allocation (UCPA)

The current Urban Capital Projects Allocation (UCPA III) covers a six year period from April 1, 1997 to March 31, 2003. UCPA III includes \$30 million in unconditional funding for City priorities and \$66 million for infrastructure renewal and strategic enhancements, for a total of \$96 million. In the first three years of this agreement, the Province announced over \$52 million in commitments. This left an average of \$14.57 million per year in UCPA III funding for the remaining three years. The amount of Provincial funding for 2000 under this agreement must still be negotiated.

The City expects to negotiate a continuation of UCPA funding after the completion of the UCPA III agreement. These capital estimates include a provision for UCPA IV funding similar to UCPA III.

The following is a listing of selected capital projects included in the 2000 Capital Budget which the City identified as candidates for Provincial funding under this agreement.

UCPA III -- 2000 Draft City List

Infrastructure Renewal & Strategic Enhancement

Draft Project List for 2000	Total Project Budget	UCPA III Provincial Portion
Regional Street - New		
Moray St Extension to Grant Ave	\$ 750,000	\$ 363,750
Regional Street Improvements		
Kenaston Blvd. (Academy to Taylor)	100,000	48,500
McPhillips St. (Jefferson to Swailes)	1,392,000	675,120
Regional Street Renewals		
Annual Program	5,440,000	2,638,400
Cumberland Ave (Maryland to Hargrave)	978,000	474,330
Fermor Ave (Dunkirk to St Anne's)	700,000	339,500
Bridges / Culvert		
Henderson Hwy Culvert	600,000	291,000
Bridge Deck Restoration - Deck Sealing Program	500,000	242,500
Provencher Bridge	4,000,000	1,940,000
Disraeli Bridge and Overpass	100,000	48,500
Traffic Engineering Improvements		
Various Locations	500,000	242,500
Reforestation		
Improvements	339,000	164,415
Police		
Police Automated Records and Communication System (P.A.R.C.S.)	3,750,000	1,818,750
Emergency Response Services		
Fire/Ambulance Dispatch Centre Integration	750,000	363,750
Streetscaping		
St.Anne's/ St.Mary's	300,000	145,500
Riverbank		
Riverbank Stabilization, City owned	300,000	145,500
Riverbank Greenway Programs	100,000	48,500
Community Revitalization		
MWCRP - Point Douglas	750,000	375,000
MWCRP - West End	750,000	375,000
MWCRP - St Boniface	750,000	375,000
Transit		
Regular Buses	10,711,000	3,000,000
Total	\$ 33,560,000	\$ 14,115,515

Residential Street Renewals Program - Over the past few years, the City has examined new revenue sources to fund an on-going residential street renewal program. However, negotiations with the Province have not resulted in a dedicated revenue stream for this purpose.

A \$5.3 million program has been included in the Adopted 2000 Capital Budget. Over the six-year plan almost \$47 million has been budgeted for this purpose. As residential street renewals are a priority, the City is hopeful it will once again be successful in its negotiations with the Province for matched funding over and above the UCPA commitment for this important program. The City is committed to proceed with its share of the work regardless of a Provincial commitment.

Flood of the Century - Included in the 2000 to 2005 Capital Budget are flood protection programs in the tax-supported component of the Water and Waste Department and in the Sewage Disposal System utility operations. The City entered into tripartite funding agreements in 1999 for secondary diking enhancement projects that will be undertaken over a three-year period ending March 31, 2003. The majority of funding for these projects is provided by the Federal and Provincial governments under the Canada - Manitoba Partnership Agreement on Red River Valley Flood Protection. Diking projects are one type of flood protection measure for which the City is seeking cost-sharing assistance. Other flood protection projects proposed by the City include flood pumping station upgrades, provision of gates on land drainage sewers and primary dike upgrades.

Convention Centre Cladding - Video Lottery Terminal (VLT) Revenue - The budget includes 50/50 cost sharing of the Convention Centre Cladding capital project which is scheduled for the year 2000. The 2000 budget includes an amount of \$2.6 million requiring \$1.3 million from each jurisdiction. The requested Provincial financing would be over and above the Urban Capital Projects Allocation funding and would be from the 25% urban economic development project component of the Province's revenue from video lottery terminals. This is distinct from the basic annual operating grant received from the Province related to video lottery terminal revenue.

Other Cost-Shared Agreements - The Province also supports capital programming in the City of Winnipeg through the Canada/Manitoba/Winnipeg Infrastructure Program and the Winnipeg Development Agreement.

Financing for Utilities

The following chart provides greater detail for utility financing requirements in 2000 and projected for the period 2001 to 2005.

FINANCING SOURCES FOR THE UTILITY CAPITAL PROGRAM, 1999-2005 (in millions of \$)								
	Adopted 1999	Adopted 2000	Capital Forecast					2000-2005 Total
			2001	2002	2003	2004	2005	
External debt:								
- Hydro	\$ 18.4	\$ 29.4	\$ 37.8	\$ 37.9	\$ 35.6	\$ 27.9	\$ 34.2	\$ 202.8
- Waterworks	3.7	-	-	-	-	36.0	67.0	103.0
Sub-total Debt	22.1	29.4	37.8	37.9	35.6	63.9	101.2	305.8
Projects Financed by Frontage Levies:								
- Watermain Renewal	6.5	6.5	6.5	6.5	6.5	6.5	6.5	39.0
- Wastewater Sewer Renewal	0.4	0.4	0.4	0.4	0.4	0.5	0.4	2.5
Projects Financed by Special Utility Rate Charges:								
- Aqueduct Renewal	2.0	5.0	5.0	4.4	2.4	-	-	16.8
- Water Treatment	-	2.5	3.0	6.0	26.0	48.0	13.0	98.5
- Sewer Environmental	1.8	1.0	8.3	10.5	5.9	5.0	5.0	35.7
Projects Financed by Retained Earnings:								
- Waterworks	-	3.6	1.1	0.5	1.6	0.9	5.1	12.8
- Sewer	5.3	2.9	3.9	10.5	12.2	4.6	6.5	40.6
Sub-total Pay-As-You-Go	16.0	21.9	28.2	38.8	55.0	65.5	36.5	245.9
Total	\$ 38.1	\$ 51.3	\$ 66.0	\$ 76.7	\$ 90.6	\$ 129.4	\$ 137.7	\$ 551.7

The preceding chart indicates that total external utility debt will average approximately \$51 million over the six-year period, up from an average of \$39 million in 1999 (\$28 million in 1998). This is primarily due to the introduction of a Water Treatment Plant which will be funded partially by debt and partially by cash reserves in the Water Treatment Reserve set up for this purpose. The six-year capital program for Hydro (from 2000 to 2005) is \$203 million and has increased primarily as a result of the turbine/generator replacement program at Pointe du Bois. Commencing in 1997, Hydro began to debt finance its entire capital program, instead of using working capital to fund a portion, as it had historically been able to do.

Frontage levies, utility rate charges, and retained earnings continue to be major financing components of the capital program for the water and sewer utilities.

Due to the success of the Watermain Renewal Program in improving the overall condition of the City's watermain, the watermain frontage levy was reduced by \$0.45 per frontage foot from \$1.10 to \$0.65 in 1998. That \$0.45 decrease in the watermain frontage levy was added to the sewer frontage levy. With no net impact to the taxpayer from the shift, the funding available for combined sewer renewals and combined sewer flood relief programs was substantially increased. The sewer frontage levy was \$1.60 per frontage foot in 1999, and will be moving to \$1.75 in 2000 and \$1.90 in 2001 and 2002. A \$0.15 increase translates into an incremental cost to property owners of \$7.50 per year assuming a 50 foot frontage. In 2000 through to 2002, the watermain frontage levy will remain the same as 1999.

Major Waterworks Projects

As a result of the policy of building reserves to pay for significant upgrades to the water distribution and water treatment systems, the Water and Waste Department projects the following financing scenarios for the Aqueduct Rehabilitation and Water Treatment Plant Projects:

Aqueduct Rehabilitation (in millions of \$)	
Year when project to be completed	2003
Total Estimated Cost	\$ 53.8
Amount of Project Cost included in prior capital budgets	\$ 37.0
Amount of Project Cost included in 2000 - 2005 Budget	\$ 16.8
The total project will be financed by the Aqueduct Rehabilitation Reserve.	

Water Treatment Plant (in millions of \$)	
Year when project to be completed	2005
Total Estimated Cost	\$ 204.0
Maximum Debt Financing Projected	\$ 103.0
Amount of Project Cost included in prior capital budgets	\$ 2.5
Amount of Preliminary Project Cost in 2000 Budget	\$ 1.5
Amount of Project Cost included in 2000 - 2005 Budget	\$ 200.0
Plant to be in operation by 2006. The plant will be 50% cash financed.	

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Issues

Residential Street Renewal Program

The 1999 adopted capital budget included a residential street renewal program of \$13.5 million, which was made up of a City contribution of \$8.5 million and a Provincial contribution of \$5 million. The City's contribution of \$8.5 million was a combination of General Reserve funding (\$5.5 million) and approval to use prior borrowing authority of \$3 million. In late March 1999, the City of Winnipeg received verbal approval from the Canada/Manitoba Infrastructure Secretariat that \$1.2 million of surplus funding was available for the residential street renewal program, bringing the total 1999 funding to \$14.7 million.

The five-year forecast for the years 2000 to 2004 tabled in November of 1998 did not include a residential street renewal program. The newly-elected Council felt that this program was a high priority for capital funding and decided to postpone approval of the 2000 to 2004 capital forecast until a thorough review of the capital plan could be completed. During the review of the preliminary estimates for 2000 to 2005, every effort was made to re-prioritize projects to enable the inclusion of a residential street renewal program.

The Adopted 2000 Budget and 2001 to 2005 Forecast includes a residential street renewal program which accelerates over the six-year period from a \$5.3 million program to a \$10.1 million program. As in the past, the City will attempt to lever funding from other levels of government to augment the City's efforts in this area.

Curb Repair, Sidewalk Renewals, and Lane Renewals

The 2000 to 2005 capital plan also includes \$11.7 million in funding for curb repair, sidewalk renewals, and lane renewals. The funding for the curb repair program is \$250,000 per year for a total of \$1.5 million. The sidewalk renewal program will receive funding of \$500,000 per year for the first 3 years and then is proposed to increase to \$900,000 per year for the remainder of the plan, for a total of \$4.2 million. A lane renewal program is introduced in 2003 and totals over \$6 million over the last three years of the six-year plan.

Provencher Bridge

A public consultation process was implemented commencing in June 1998 to create opportunities for public participation. This will allow the City of Winnipeg to collaboratively develop a plan for the Provencher Bridge that is: technically sound; reflects the needs of the community and city in general; cost-effective; environmentally responsible; and generally understood and accepted by most of those affected. The Provencher Bridge Public Consultation process culminated in May 1999 with the Project Advisory Committee (PAC) recommending a New Paired Bridges alternative, which features a new vehicular bridge, and a separate pedestrian bridge linking St. Boniface to the heart of the Forks.

The budget shown below includes figures that are based on a conceptual plan of the recommended New Paired Alternative implemented in partnership with Centre Venture Development Corporation. The Standing Committee on Fiscal Issues will be reviewing various financing options during the preliminary design phase which may result in a construction schedule which varies from that presented.

Adopted 1999	Adopted 2000	Capital Forecast (in millions of \$)					2000-2005 Total
		2001	2002	2003	2004	2005	
\$ 0.5	4.0	18.9	10.0	10.0	8.0	6.1	\$ 57.0

The 2000 budget for the Sewage Disposal Utility also includes a related project for reconstruction of the Dumoulin forcemain (\$500,000).

SIRP Report (Strategic Infrastructure Reinvestment Policy)

Infrastructure renewal programs are seen as a priority for the citizens of Winnipeg and their significance is demonstrated in the recommendations of the SIRP Report. The SIRP Report is the product of a task force comprising a cross-section of participants from government, business, labour and the academic community. The Report concludes that we must invest more in infrastructure, review our present approach to the use of current funding, develop a strategy for the future, and find ways to fund the infrastructure deficit. The task force report identifies recommendations in seven policy option categories, which are shown below:

- 1) Infrastructure Maintenance
- 2) New Technology
- 3) Financial Based Option
- 4) Alternative Service Delivery
- 5) Winnipeg Transportation Utility
- 6) National Infrastructure
- 7) Sustainable Infrastructure Development

Currently, the above policy option categories are the subject of study for seven SIRP Sub-Committees that report regularly to the Chairman of the Standing Committee on Public Works.

Asset Management

The 1999 adopted capital program included start up funding of \$250,000 for an Asset Management System to assist in the application of business principles to the management of the infrastructure. The system will identify the financial needs required to provide and properly maintain the public infrastructure and to minimize the long term costs of maintaining the assets. A further \$400,000 is included in the capital budget in the year 2000 to complete this project.

Hydro Turbine/Generator Replacement Program

Winnipeg Hydro, owned by the City of Winnipeg, operates a generating station at Pointe du Bois. In service since 1911, the station is nearing the end of its useful economic and functional life. Based on a projected life of approximately one hundred years, by 2010 the entire plant and associated dams and structures will need to be replaced or rehabilitated.

In the past, a number of redevelopment alternatives were studied on the assumption the plant would be replaced. In 1995, Winnipeg Hydro engaged a consultant to compare plant replacement versus plant rehabilitation options. The study concluded the existing plant could be successfully rehabilitated at a total cost substantially less than replacement cost. Expected to cost about \$220 million, this rehabilitation will extend the plant's life by 50 to 75 years and nearly double the electrical generating capacity.

Hydro's capital estimates for 2000 to 2005 total approximately \$203 million. The major project which will be driving the capital estimates for the next six years is the Pointe du Bois Rehabilitation which totals \$102 million as follows: 2000 - \$19 million, 2001 - \$21 million, 2002 - \$25 million, 2003 - \$20 million, and 2004 - \$6 million, 2005 - \$11 million.

In 1994, Council approved the establishment of an investment for the future renewal/redevelopment of the Pointe du Bois station. Funds for this investment are vested with The Sinking Fund Trustees. Hydro makes an annual contribution to the investment equal to 1.4% of the previous year's sale of electricity. With interest, the investment is expected to total \$75 million by the end of 2010. Dependent on the success of the first Straflo turbine installation currently underway at Pointe du Bois, funds in the investment may be used to accelerate additional turbine installations. The market value of the investment at the end of 1998 was \$18 million.

Water Treatment Plant

In 1994, the City of Winnipeg Water and Waste Department completed a comprehensive planning study of the regional water supply system in order to define long-term water quantity and quality needs. This Regional Water Supply Study (RWSS) recommended that the City plan to implement water treatment to improve the control of waterborne pathogens, disinfection by-products (DBP's), and taste and odour. The need for water treatment was recommended primarily on the basis of the benefits for protecting public health through reduced exposure to microbiological and/or chemical risk.

On May 24, 1994, Council adopted the recommended pilot testing of potential water treatment technologies and subsequent implementation program of design, construction and commissioning of a regional water treatment plant, as proposed in the Regional Water Supply Study.

Between 1994 and 1999, Council has approved funding of approximately \$2.5 million for pilot studies, concept design, and public consultation as part of the capital budget. The adopted 2000 capital budget and five-year forecast includes the following funding for this project:

Water Treatment Plant (in millions of \$)	Adopted Prior Years	Adopted 2000	Capital Forecast					2000-2005 Total
			2001	2002	2003	2004	2005	
Preliminary Engineering & Pre-Design	2.5	1.5						\$ 1.5
Functional & Detailed Design & Construction		1.0	3.0	6.0	26.0	84.0	80.0	\$ 200.0
Plant to be in operation by 2006. The plant will be approximately 50% cash financed.								

As noted earlier in the financing section of this document, the water treatment plant project will be approximately 50% cash financed via the Water Treatment Reserve and 50% financed through the issue of external debentures. Water rates include a component which is the source of funding for the Water Treatment Reserve – in 1999, this rate component was \$0.42 of the overall block 1 water rate of \$2.54 (per 100 cubic feet). In 2000 this rate component was increased to \$0.44 of the overall block 1 water rate of \$2.70 (per 100 cubic feet).

In October 1999, a Council Seminar was conducted to present a summary of water quality guidelines, public health risks and consequences, recommended water treatment processes, and the estimated cost and financing of a water treatment plant. Also in October 1999, a special meeting of the Executive Policy Committee was held to gather public input on the need to construct a water treatment plant. A final decision by Council as to whether or not to proceed with the project is anticipated in early 2000.

Winnipeg Development Agreement (WDA)

Signed by the Government of Canada, the Province of Manitoba, and the City of Winnipeg. In the spring of 1995, the Winnipeg Development Agreement allows the three levels of government to pool \$75 million over five years towards making Winnipeg a better place to live, work, and do business. The goal of the WDA is to work with the community and business to support the long-term sustainable economic development of Winnipeg.

Programs and projects of the WDA will contribute to the general development of the City by focusing on the development of our labour force, the improvement and security of our communities, and strategic and sectoral investments.

WDA programs administered by the City of Winnipeg include North Main Strategic Development, Neighbourhood Revitalization, Employment Equity, Downtown Revitalization, Riverbank Development, Buildings Preservation and Strategic Initiatives.

These estimates include the following provision for the City's portion of the program:

Adopted 2000	Capital Forecast (in millions of \$)					2000-2005
	2001	2002	2003	2004	2005	Total
\$ 3.5	2.6	-	-	-	-	\$ 6.1

Information Technology - Enterprise Resource Planning Systems

The Enterprise Resource Planning System (ERP) is an integrated system that is being proposed to replace the Financial Management System (FMS) and the Human Resource Information System (HRIS).

The Financial Management System portion is a multiphase project that will utilize new technology, support the controllership function, decentralize various components of the procurement cycle, provide decentralized management reports, and includes the development and implementation of appropriate computer hardware, computer software, financial policies, procedures, methods and associated training. The first phase will involve the replacement and business process re-engineering (BPR) of the core financial systems which include the general ledger, accounts payable, purchasing, budgetary control, financial controller, accounts receivable and work order systems. The remaining phases will involve the replacement and BPR of many of the systems that interface with these core financial components to a platform compatible with that developed in the first phase. This FMS plan is now integrated into the ERP initiative.

The ERP initiative also replaces the previous Corporate Services' capital budget that was set up for the Human Resource Information System (HRIS). The Human Resources component of an ERP system is completely integrated with all other components of the system such as work management, general ledger, accounts payable, budgetary control, inventory, etc. Today's ERP systems are the "one-stop shop" for organizations' core business systems needs.

The ERP project continues to be budgeted under two departments - under Corporate Finance as the FMS and under Corporate Services as the Enterprise Resource Planning System as follows:

(in millions of \$)	Adopted 2000	Capital Forecast					2000-2005
		2001	2002	2003	2004	2005	Total
Financial Management System	\$ 2.0	\$ 1.4	\$ 3.7	\$ 2.5	\$ 1.5	\$ 2.5	\$ 13.6
Enterprise Resource Planning System	1.3	2.3		0.5			4.1
Total	\$ 3.3	\$ 3.7	\$ 3.7	\$ 3.0	\$ 1.5	\$ 2.5	\$ 17.7

Flood Protection Programs

This capital budget includes several flood protection programs in the tax-supported area of the Water and Waste Department and in the Sewage Disposal System utility operation as follows:

Flood Protection Programs							
(in millions of \$)	Adopted	Capital Forecast					2000-2005
	2000	2001	2002	2003	2004	2005	Total
Water and Waste							
<i>Tax-supported</i>							
Flood Activity/Emergency Information System	\$ 1.4	\$ 0.3	\$ -	\$ -	\$ -	\$ -	\$ 1.7
Flood Pumping Station Reliability Upgrades	-	-	1.0	1.0	1.0	1.5	4.5
Land Drainage Sewers Outfall Gate Structures	-	-	2.0	0.5	2.0	2.0	6.5
Floodplain Management	-	-	0.3	-	-	-	0.3
Permanent Secondary Dikes	1.0	-	1.0	-	1.0	0.4	3.4
Sewage Disposal System							
<i>(Financed by Sewer Retained Earnings)</i>							
High River Level Flood Protection:							
- North End Water Pollution Control Centre	-	-	-	-	-	0.8	0.8
- South End Water Pollution Control Centre	-	-	2.0	-	-	-	2.0
Total	\$ 2.4	\$ 0.3	\$ 6.3	\$ 1.5	\$ 4.0	\$ 4.7	\$ 19.2

These projects were first introduced during the preparation of the 1998 to 2003 capital estimates. The funding requirements have been adjusted over time to reflect more current information and to include the years 2004 and 2005.

The City will continue to negotiate with the Province on cost sharing related to flood protection projects in Winnipeg. As there is no formal agreement in place at this time, the budget has assumed the above tax-supported protection projects will be internally financed. The Sewage Disposal System capital projects for *High River Level Flood Protection - North End Water Pollution Control Centre*, and *South End Water Pollution Control Centre* will be funded through that utility's retained earnings.

Community Incentive Grants

The Community Incentive Grant program is designed to encourage community recreation and sport organizations to undertake capital projects which will result in long term benefits to the community at large in terms of new facilities. The Preliminary Capital Estimates for 2000 to 2005 included \$70,000 per ward for a total of \$6.5 million over the six years. However, during the capital estimates review process, the amounts were increased for 2000, 2003, 2004 and 2005 for a total of approximately \$7.9 million city-wide over the six-year plan (including overhead costs).

Budget Reform

Several initiatives are being undertaken relating to budget reform at the City of Winnipeg. Full implementation of departmental business planning was successfully achieved in 1999. These business plans help tie each department's goals and strategies to the City's corporate goals to ensure alignment and help decision-makers focus on results.

The three-year business plans included financial information on current operating revenues and costs, reserve balances and capital investment plans. This information formed the basis for strategic decision making during the budget process. Capital and current operating requirements were reviewed simultaneously to ensure better integration of these two processes.

Over the past two years, City departments have been using the Management Reference Model (MRM) to identify the City's inventory of government services offered to the public. These services have been linked to 'public programs'. Public programs group like services in terms of the public needs they aim to address. Ten public programs have been identified in the City's Corporate Plan.

Public Programs

- | | |
|-----------------------------|--------------------------|
| ■ Community Development | ■ Public Health |
| ■ Economic Development | ■ Public Safety |
| ■ Environmental Stewardship | ■ Recreation and Leisure |
| ■ Good Government | ■ Revenue |
| ■ Property Stewardship | ■ Transportation |

While some of these initiatives focus on operating budgets, specific proposals are also being considered as they relate to the capital budget process. The City is examining changes to the capital budget system as part of continued budget reform. The capital budget process would continue to be the main vehicle for capital project and borrowing authorizations in order that Council be aware of full project costs and future debt obligations. However, a new emphasis on spending plans is being examined. Spending plans would establish a base from which to compare actual events for reporting, monitoring, and performance measurement. New accounting standards are also on the horizon which could have a significant impact on the way the City accounts and budgets for its assets. Improvement is required in the precision of the City's capital cash flow projections in order to estimate debt

and finance charges and set appropriate budgets for same. The proposed changes should foster more accountability into the system. Periodic reporting, similar to that currently used to monitor operating budgets, could be a requirement and potentially could be combined into one process incorporating both operating and capital. More emphasis could be placed on the cost/benefit analysis process, including improved analysis of associated operating costs. Stakeholders will be consulted during the review of these proposed changes to ensure a complete and appropriate analysis of the various processes involved.

Also, to ensure the appropriate scrutiny of large capital projects, Council approved the following recommendation in these capital estimates:

That Council adopt a policy whereby all capital projects with a total estimated cost of \$10 million or more, be submitted by the relevant City Department to the Standing Committee on Fiscal Issues for review and recommendation prior to any bid solicitation being issued. The review by the Standing Committee on Fiscal Issues may take place either before or after Council's adoption of the Capital Estimates, as timing permits.

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Other Information

Please refer to the various exhibits attached in the last section of this document for additional information on:

- the 1998 General Capital Fund;
- reserve balances;
- the capital priority rating system;
- detailed analysis of borrowing authority, sources, and application of funds;
- 1999 Adopted Capital Estimates;
- current and potential debenture debt;
- cash flow projections for the 2000 to 2005 capital program;
- a reconciliation of the Preliminary Capital Estimates to the Adopted Capital Program; and
- a glossary of terms.

5

Council Adoption of the Estimates

On December 16, 1999 Council adopted the following recommendations:

- I. That the 2000 Capital Estimates totalling \$134,953,000, requiring borrowing authority of \$29,390,000 for Winnipeg Hydro, and the 2001 to 2005 Five-Year Capital Forecast be reviewed and submitted to Council for approval.

Note: This approval fulfils the requirement under Subsection 336(1) of The City of Winnipeg Act to adopt a capital expenditure program for the five years following 1999.

- II. That the City request the Province to match funding for the following capital programs/projects, over and above UCPA funding (Urban Capital Projects Allocation):

- (A) a residential street renewal program for Winnipeg for the years 2000 and beyond; and

- (B) a capital project for Convention Centre cladding in the year 2000.

Note: Provincial financing for this project should be negotiated from video lottery terminal (VLT) revenue - the 25% urban economic development project component - which is over and above the City's annual base Video Lottery Grant (the 10% component) in the City's operating budget.

- III. That the City's adoption of estimates for the Provencher Bridge project for the years 2001 through 2005, as set out in the Five Year Capital Expenditure Program be on the understanding that the Standing Committee on Fiscal Issues will review financing options identified during the preliminary design phase, and may bring forward recommendations to enable the construction of the bridge to proceed in the most cost efficient manner, including such interim financing as may be necessary.

- IV. That Council adopt a policy whereby all capital projects with a total estimated cost of \$10 million or more, be submitted by the relevant City Department to the Standing Committee on Fiscal Issues for review and recommendation prior to any bid solicitation being issued. The review by the Standing Committee on Fiscal Issues may take place either before or after Council's adoption of the Capital Estimates, as timing permits.

- V. That the Proper Officers of the City be authorized to do all things necessary to implement the foregoing, including the execution of any documents related thereto.





The City of Winnipeg

Capital Projects Summary

2000 Annual Capital Estimates

and

2001 to 2005 Five-Year Capital Forecast

Adopted By Council on December 16, 1999



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<u>CAPITAL PROJECTS SUMMARY</u>			2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 000's
			BUDGET	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	5 YEAR
			ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED	TOTAL
			BY	BY	BY	BY	BY	BY	ADOPTED
			COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	BY
FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. IND.							
SUMMARY OF GROSS CAPITAL PROGRAM									
TAX-SUPPORTED									
Local Improvements			800	750	750	750	750	750	4,550
Public Works			24,077	39,881	37,023	40,700	43,590	39,248	224,319
Land Drainage and Flood Control			20,889	20,384	23,974	20,974	23,574	24,480	134,275
Community Services			554	745	1,995	1,975	2,831	2,537	10,639
Community Incentive Grants			1,544	1,082	1,082	1,393	1,393	1,393	7,907
Police			3,790	575			149	2,082	6,556
Emergency Response Services			1,390	1,000		941		2,020	5,351
Planning, Property and Development			9,489	6,941	7,510	10,872	8,507	7,350	50,489
Corporate Finance			2,000	1,416	3,645	2,500	1,500	2,500	13,561
City Clerks			100	500	150	110		200	1,060
Corporate Services			5,216	3,818	1,349	3,766	3,557	2,490	20,196
Property Assessment				500	500				1,000
Hydro Street Lighting						100	350	350	800
Non-departmental			2,800			47	857	2,032	5,536
Gross Tax Supported General			72,431	77,392	77,978	83,928	87,098	87,432	486,219
Transit			11,227	11,244	12,948	12,911	14,267	14,661	77,258
Gross Total Tax Supported Including Transit			83,658	88,636	90,926	96,839	101,325	102,093	563,477
UTILITIES									
Hydro Electric System			29,390	37,815	37,915	35,655	27,905	34,165	202,845
Waterworks System			17,825	15,625	17,430	36,388	91,425	91,575	270,068
Sewage Disposal System			4,280	12,575	21,377	18,565	10,095	11,920	78,812
Gross Total Utilities			51,295	66,015	76,722	90,608	129,425	137,660	551,725
GROSS TOTAL CAPITAL PROGRAM			134,953	154,651	167,648	187,447	230,750	239,753	1,115,202

<u>CAPITAL PROJECTS SUMMARY</u>			2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2006-2008 000's
	DETAIL PAGE NO.	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	TOTAL ADOPTED BY COUNCIL
FUNCTION/PROJECT									
<u>SUMMARY OF BORROWING REQUIREMENTS</u>									
TAX-SUPPORTED									
Local Improvements			800	750	750	750	750	750	4,550
Public Works			24,077	38,681	37,023	40,417	43,590	39,248	223,036
Land Drainage and Flood Control			3,309	1,294	5,394	2,394	4,994	5,300	22,685
Community Services			856	745	1,995	1,975	2,831	2,537	10,639
Community Incentive Grants			1,564	1,082	1,082	1,393	1,393	1,393	7,907
Police			3,780	575			149	2,082	8,556
Emergency Response Services			1,390	1,000		941		2,020	5,351
Planning, Property and Development			8,384	5,816	5,760	9,297	7,007	5,850	42,094
Corporate Finance			2,000	1,416	3,645	2,500	1,500	2,500	13,561
City Clerks			100	500	150	110		200	1,080
Corporate Services			8,218	3,818	1,349	3,766	3,557	2,490	20,198
Property Assessment				500	500				1,000
Hydro Street Lighting						100	350	350	800
Non-departmental			1,300			47	857	2,032	4,236
Unallocated Provincial UCPA (III & IV)			(8,142)	(7,977)	(7,352)	(9,157)	(8,867)	(8,702)	(50,197)
Tax Supported General Borrowing (Net of Transit)			44,284	48,290	80,298	54,833	58,111	88,080	313,474
Transit			518	200	1,904	1,867	2,889	2,950	10,326
TOTAL TAX-SUPPORTED EXTERNAL & INTERNAL BORROWING			44,800	48,490	82,200	56,400	61,000	91,000	323,800
LESS: INTERNAL GENERAL RESERVE BORROWING			(44,800)	(48,400)	(52,200)	(56,400)	(61,000)	(61,000)	(323,800)
TOTAL TAX SUPPORTED EXTERNAL BORROWING									
UTILITIES									
Hydro Borrowing			29,390	37,815	37,915	35,655	27,905	34,165	202,845
Waterworks Borrowing							36,000	67,000	103,000
TOTAL UTILITY BORROWING			29,390	37,815	37,915	35,655	63,905	101,165	305,845
TOTAL EXTERNAL BORROWING			29,390	37,815	37,915	35,655	63,905	101,165	305,845

CAPITAL PROJECTS SUMMARY										
			2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2006-2008 000's	
			BUDGET	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	5 YEAR	
			ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED	TOTAL	
FUNCTION/PROJECT	DETAIL PAGE NO.	PLAN WPG. NO.	BY COUNCIL	BY COUNCIL	BY COUNCIL	BY COUNCIL	BY COUNCIL	BY COUNCIL	BY COUNCIL	BY COUNCIL
NON-DEBT & INTERNAL FINANCING:										
TAX SUPPORTED										
Public Works										
- Charleswood Transportation Levy *				1,000						1,000
- Dakota St Recovery from Developers						283				283
Planning, Property and Development										
- MWCRP Provincial UCPA III Point Douglas			375	375	375					1,125
- MWCRP Provincial UCPA III West End			375	375	500					1,250
- MWCRP Provincial UCPA III St Boniface			375	375	375					1,125
- MWCRP Provincial UCPA IV St Boniface						375				375
- MWCRP Provincial UCPA III Wolsley					500					500
- MWCRP Provincial UCPA IV Wolsley						500	500			1,000
- MWCRP Provincial UCPA IV Burrows Central						500	500	500		1,500
- MWCRP Provincial UCPA IV Luxton							500	500		1,000
- MWCRP Provincial UCPA IV Neighbourhood To Be Named								500		500
Non-Departmental										
- Province of Manitoba VLT Revenue for Convention Centre			1,300							1,300
Land Drainage and Flood Control										
- Sewer Frontage Levy - Regional Combined Sewer Flood Relief			7,000	7,500	7,500	7,500	7,500	7,500		44,500
- Developer Capacity Charges - Development Agreement Paybacks			500	510					600	1,610
- Sewer Frontage Levy - Combined Sewer Renewals Residential			10,080	11,080	11,080	11,080	11,080	11,080		65,480
Funding Presently Not Allocated to Specific Projects										
- General Reserve			44,800	48,400	52,200	56,400	61,000	61,000		323,800
- Unallocated Provincial UCPA III (agreement 1997-2002)			8,142	7,977	7,352					23,471
- Unallocated Provincial UCPA IV (agreement 2003 - 2008)						9,157	8,867	8,702		26,726
Transit										
- Transit Bus Replacement Reserve			5,408	5,576	5,576	5,576	5,745	5,913		33,794
- Transit Bus Replacement - UCPA III			3,000	3,000	3,000					9,000
- Transit Bus Replacement - UCPA III (Unconditional)			2,303	2,468	2,468					7,239
- Transit Bus Replacement - UCPA IV						3,000	3,000	3,000		9,000
- Transit Bus Replacement - UCPA IV (Unconditional)						2,468	2,633	2,798		7,899
Total UCPA III (agreement 1997-2002)			14,570	14,570	14,570					43,710
Total UCPA IV (agreement 2003-2008)						16,000	16,000	16,000		48,000
TOTAL TAX SUPPORTED NON-DEBT & INTERNAL FINANCING			83,658	88,636	90,928	96,839	101,325	102,093		583,477
UTILITIES										
Waterworks System										
- Aqueduct Rehabilitation Reserve			5,000	5,000	4,400	2,400				16,800
- Water Treatment Reserve			2,500	3,000	6,000	26,000	48,000	13,000		98,500
- Watermain Renewal Reserve			6,500	6,500	6,500	6,500	6,500	6,500		39,000
- Waterworks Retained Earnings			3,825	1,125	530	1,488	925	5,075		12,768
Sewage Disposal System										
- Sewage Disposal Retained Earnings			2,880	3,875	10,457	12,195	4,675	6,500		40,562
- Wastewater Sewer Renewal Reserve			420	420	420	420	420	420		2,520
- Environmental Reserve			1,000	8,280	10,500	5,950	5,000	5,000		35,730
TOTAL UTILITIES NON-DEBT FINANCING			21,905	28,200	38,807	54,953	65,520	36,495		245,880
GRAND TOTAL NON-DEBT & INTERNAL FINANCING			105,563	116,836	129,733	151,792	166,845	138,588		809,357

* Pending review

<u>CAPITAL PROJECTS SUMMARY</u>			2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 5 YEAR TOTAL
	DETAIL PAGE NO.	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL
FUNCTION/PROJECT									
<u>CAPITAL PROJECTS LISTING</u>									
<u>PUBLIC WORKS DEPARTMENT</u>									
LOCAL IMPROVEMENTS (L.I.) - Ongoing Program	3-3	SA-01	800	750	750	750	750	750	4,550
REGIONAL STREETS									
New Transportation Facilities:									
Sterling Lyon Parkway - Victor Lewis Dr to Kanaston Blvd	3-4	SC-03						100	100
Morey St Extension to Grant Ave - Charleswood Transportation Levy *	3-5	SC-03	750	1,000	6,946				7,696
									1,000
Total New Transportation Facilities			750	1,000	6,946			100	8,796
Street Improvements:									
Kanaston Blvd - Academy Rd to Taylor Ave	3-6	SC-01	100	100	100	100	400	1,100	1,900
McPhillips St - Jefferson Ave to Swales Ave Council approved as first Call against year 2000 on Mar 24/99	3-7	SC-03	1,392						1,392
Dakota St - Abbottsford Cr to Paddington Rd - Developers	3-8	SC-03				2,467			2,467
						283			283
St Anne's Rd - Novavista Dr to Warde Ave	3-9	SC-03						300	300
Total Street Improvements			1,492	100	100	2,850	400	1,400	6,342
Regional Street Renewals:									
Street Renewals - Annual Program (Revised by Council Jan 26/00)	3-10	SC-01	6,188	9,395	8,195	7,263	14,237	9,361	54,639
Cumberland Ave - Maryland St to Hargrave St (Revised by Council Jan 26/00)	3-11	SC-01	230						230
Farmor Ave - Dunkirk Dr to St Anne's Rd Council approved as first Call against year 2000 on Mar 24/99	3-12	SC-01	700						700
Total Street Renewals			7,118	9,395	8,195	7,263	14,237	9,361	55,569
Waterway Crossings and Grade Separations:									
Waterway Crossings/Grade Separations - Normal Annual Program	3-13	SC-01		1,500	500	500	1,500	4,000	8,000
Henderson Highway Culvert	3-14	SC-03	800						800
Bridge Deck Restoration - Deck Sealing Program	3-15	SC-01	500						500
Provencher Bridge	3-16	SC-03	4,000	18,900	10,000	10,000	8,000	6,100	57,000
Disraeli Bridge and Overpass Facility	3-17	SC-01	100	100	150	500	200	1,000	2,050
Total Waterway Crossings & Grade Separations			5,200	20,500	10,650	11,000	9,700	11,100	68,150
Traffic Engineering Improvement Various Locations	3-18	SC-03	500	500	500	500	1,000	1,000	4,000
Pedestrian and Cycle Facilities - Normal Annual Program	3-19	SC-04	300	300	300	300	300	300	1,800
Land Acquisition - Transportation Rights-of-Way (Normal Annual Program)	3-20	SC-03					600		600
TOTAL REGIONAL STREETS			15,386	31,795	26,891	21,913	25,237	23,261	145,257

* Pending review

CAPITAL PROJECTS SUMMARY				2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 000's 6 YEAR TOTAL
FUNCTION/PROJECT	DETAIL PAGE	PLAN WPG.	BUDGET ADOPTED BY	FORECAST ADOPTED BY	FORECAST ADOPTED BY	FORECAST ADOPTED BY	FORECAST ADOPTED BY	FORECAST ADOPTED BY	FORECAST ADOPTED BY	TOTAL ADOPTED BY
	NO.	IND.	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL
LOCAL STREETS										
Residential Street Renewal	3-21	SC-38	5,318	5,137	7,838	8,800	9,723	10,115		46,929
Curb Repair Program	3-22	SC-38	250	250	250	250	250	250		1,500
Lane Renewals - 5 Communities, Various	3-23	SC-38				2,281	2,758	1,000		6,039
Sidewalk Renewals - 5 Communities, Various	3-24	SC-38	500	500	500	900	900	900		4,200
TOTAL LOCAL STREETS			6,068	5,887	8,588	12,231	13,631	12,265		58,968
Asset Management System	3-25	SC-01	400							400
Land Drainage Sewers - 3 Areas, Various	3-26	SC-38	250	250	250	250	250	250		1,500
TOTAL REGIONAL AND LOCAL STREETS (net incl. L.I.)			22,076	37,932	35,529	34,394	40,118	35,778		205,825
TOTAL REGIONAL AND LOCAL STREETS (incl. L.I.)			22,076	38,882	36,379	35,144	40,968	36,528		210,375
PARKS AND OPEN SPACE										
Aesthetically Improved Streets - Improvements	3-27	SC-04				100	114	257		471
Reforestation Program - Improvements	3-28	EE-03	339	155	557	500	383	400		2,334
Athletic Fields - Development	3-29	EF-01				262	188			430
Athletic Fields - Improvements	3-30	EF-01		200		100	198	695		1,193
Parks - Development (Phase II)	3-32	SC-43				2,344	495			2,839
Parks - Improvements	3-34	SC-44		371	323	260	294	300		1,548
Playgrounds	3-36	EF-01	500							500
Total Parks and Open Spaces			839	726	880	3,566	1,652	1,652		9,315
BUILDING SERVICES										
Community Centres - Refurbishing and Improvements	3-37	EC-01	140	220	411	1,150	400	350		2,671
Building Refurbishing/Improvements - Arenas	3-38	EF-01				600	520	175		1,295
Building Refurbishing/Improvements - Indoor Aquatic Facilities	3-39	EF-01	1,022	663	203	440	420	350		3,098
Building Refurbishing/Improvements - Outdoor Aquatic Facilities	3-40	EF-01				150		195		345
Building Refurbishing/Improvements - Miscellaneous	3-41	EF-01		140		400	480	200		1,220
A/C Plant Refurbishing - Ozone Depletion Act Compliance	3-42	SC-55						200		200
Fire/Life Safety Replacement/Abestos Removal	3-43	SC-55						225		225
Energy Conservation Initiatives	3-44	SC-01						125		125
Total Building Services			1,162	1,023	614	2,740	1,820	1,820		9,179
TOTAL PUBLIC WORKS (net incl L.I.)			24,077	39,881	37,023	40,700	43,590	39,248		224,319
TOTAL PUBLIC WORKS (incl L.I.)			24,877	40,431	37,773	41,480	44,340	39,998		228,889

<u>CAPITAL PROJECTS SUMMARY</u>			2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 6 YEAR TOTAL
FUNCTION/PROJECT	DETAIL PAGE NO	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	ADOPTED BY COUNCIL
<u>COMMUNITY SERVICES DEPARTMENT</u>									
Community Incentive Grant Program	3-45	BF-01	1,984	1,082	1,082	1,393	1,393	1,393	7,907
Assiniboine Park Zoo Development	3-46	BF-03			100		950	1,000	2,050
Assiniboine Park Zoo - Improvements	3-47	BF-03		200	270	200	100	666	1,436
Cemeteries - Improvements	3-48	4C-01				186	501		667
Computer Acquisition	3-49	1D-01	131	120	200	200		350	1,001
Library Replacements - Various	3-50	9C-54						521	521
Millennium Library (Conditional Upon Other Funding Being in Place)	3-51	9C-53			1,000	1,000	1,000		3,000
Security Systems - Various Branches	3-52	9C-53				129			129
Community Computer Access Program	3-53	9C-53	428	425	425	280	280		1,835
SUBTOTAL			888	745	1,995	1,975	2,831	2,837	10,839
TOTAL COMMUNITY SERVICES			2,120	1,827	3,077	3,368	4,224	3,930	18,648
<u>POLICE DEPARTMENT</u>									
Vehicle Inspection Building	3-54	9C-51					149		149
P A R C S Replacement	3-55	9C-51	3,780						3,750
Mobile Data Terminal Upgrade	3-56	9C-51		575					575
Automatic Vehicle Locator	3-57	9C-51						1,582	1,582
Renovations - 5th Floor Public Safety Building	3-58	9C-55						500	500
TOTAL POLICE			3,780	575			149	2,082	6,556
<u>EMERGENCY RESPONSE SERVICES DEPARTMENT</u>									
Fire Station Rationalization (Combining Stations)	3-59	9C-51	390	1,000					1,390
Fire/Ambulance Dispatch Centre Integration	3-60	9C-51	750						750
Replacement of No. 12 Fire Station	3-61	9C-51						1,579	1,579
Fire Protection Systems Upgrade for 3 Storey Fire Stations	3-62	9C-51				263			263
No. 2 Fire Station Structural Repair	3-63	9C-51	250						250
Water Main Extension for Fire Fighting Training	3-64	9C-51				399			399
Fire Information Network	3-65	9C-51				279			279
Burn Building Simulator	3-66	9C-51						441	441
TOTAL EMERGENCY RESPONSE SERVICES			1,390	1,000		941		2,020	5,351

CAPITAL PROJECTS SUMMARY				2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 6 YEAR TOTAL ADOPTED BY
		DETAIL PAGE NO.	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	
FUNCTION/PROJECT										
<u>PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT</u>										
CIVIC ACCOMMODATIONS										
General Building Renovation and Refurbishing		3-67	1D-01	300	209	400	300	300	500	2,009
Civic Buildings, Barrier Free Access		3-68	4A-02	106	206	206		104		622
Removal of Asbestos		3-69	5C-55		168	168		168		504
Administration Building Alterations		3-70	5C-55				200	200		400
510 Main Street - Elevator Controls		3-71	5C-55			390				390
Council Building Redevelopment		3-72	5B-04		500					500
Fire Safety Upgrading - Various Locations		3-73	5C-55			100	400			500
Central Yard Relocation		3-74	1D-01				1,382	1,600	500	3,482
251 Donald St - Complete Roof Replacement		3-75	5C-55	235						235
Total Civic Accommodations				641	1,083	1,264	2,282	2,372	1,000	8,642
Special Projects:										
Public Safety Building, Exterior Cladding		3-76	5C-55			550	3,000	1,500	1,000	6,050
Concourse Upgrading		3-77	5C-55		300					300
Computer Automation		3-78	1D-02	100					200	300
Cooling Plant Refurbishing		3-79	5C-55			300	850			1,150
Energy Conservation		3-80	3D-02					225	200	425
Restoration of Historic Gates		3-81	6C-01			154				154
Civic Centre Carpark Tunnel		3-82	5C-55			1,092				1,092
Tenant Improvement Prepayment, Major Department		3-83	6C-06						600	600
Historic Building Stabilization		3-84	5B-04	200	300		500		500	1,500
Total Civic Accommodations Special Projects				300	600	2,096	4,350	1,725	2,500	11,571
Total Civic Accommodations				941	1,683	3,360	6,632	4,097	3,500	20,213
PLANNING & LAND USE										
Weather Protected Pedestrian System		3-85	5B-07				250	250		500
Streetscaping - St Anne's/St Mary's Roads		3-86	6B-07	300						300
Streetscaping		3-87	6A-03	250	250	250	400	500	500	2,150
Riverbank Stabilization for City-Owned Riverbanks		3-88	3E-05	300	200	200	200	200		1,100
Land Acquisition - Riverbank		3-89	6B-10	300						300
Riverbank Greenway Programs (Formerly Pathways/Stabilization)		3-90	3E-05	100			440	460	350	1,350
Subtotal				1,250	450	450	1,290	1,410	850	5,700

<u>CAPITAL PROJECTS SUMMARY</u>			2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 5 YEAR TOTAL
	DETAIL PAGE NO.	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	ADOPTED BY COUNCIL
FUNCTION/PROJECT									
Manitoba/Winnipeg Community Revitalization Program (MWCPRP):									
Point Douglas MWCPRP	3-91	SA-01	375	375	375				1,125
- Provincial UCPA III			375	375	375				1,125
West End MWCPRP	3-92	SA-01	375	375	500				1,250
- Provincial UCPA III			375	375	500				1,250
St. Boniface MWCPRP	3-93	SA-01	375	375	375	375			1,500
- Provincial UCPA III			375	375	375				1,125
- Provincial UCPA IV						375			375
Wolsley MWCPRP	3-94	SA-01			500	500	500		1,500
- Provincial UCPA III					500				500
- Provincial UCPA IV						500	500		1,000
Burrows Central MWCPRP	3-95	SA-01				500	500	500	1,500
- Provincial UCPA IV						500	500	500	1,500
Luxton MWCPRP	3-96	SA-01					500	500	1,000
- Provincial UCPA IV							500	500	1,000
Neighbourhood to be named	3-97	SA-01						500	500
- Provincial UCPA IV								500	500
Total Manitoba/Winnipeg Community Revitalization Program			2,250	2,250	3,500	2,750	3,000	3,000	16,750
Intergovernmental Agreements (former CORE):									
Winnipeg Development Agreement	3-98	SA-08	3,548	2,558					6,106
Total Intergovernmental Agreements			3,548	2,558					6,106
Total Planning and Land Use			7,048	5,258	3,950	4,040	4,410	3,850	28,556
Canada Packers Building Demolition	3-99	SC-57	1,500						1,500
Parks Development - Developer Payback	3-100	SC-43			200				200
Total Corporate Programs			1,500		200				1,700
TOTAL PLANNING, PROPERTY AND DEVELOPMENT			8,489	6,941	7,510	10,672	8,507	7,350	50,489
<u>CORPORATE FINANCE DEPARTMENT</u>									
Financial Management System	3-101	1D-03	2,000	1,418	3,645	2,500	1,600	2,500	13,581
<u>CITY CLERKS DEPARTMENT</u>									
Office Automation - City Clerks	3-102	4C-01	100	100				200	400
Electronic Records Management	3-103	4C-01		400	150	110			660
TOTAL CITY CLERKS			100	500	150	110		200	1,060

<u>CAPITAL PROJECTS SUMMARY</u>			2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 6 YEAR TOTAL ADOPTED BY
	DETAIL PAGE NO.	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	
FUNCTION/PROJECT									
<u>CORPORATE SERVICES DEPARTMENT</u>									
Special Projects:									
Communications Network Infrastructure	3-104	7C-01	841	416	698	602	723	611	3,891
Network Computing Initiatives	3-105	1D-01	248	166	151	251	251	199	1,266
Land Based Information System (See Also Related Funding in Waterworks System and Sewage Disposal System Budgets)	3-106	7C-01	1,380	400					1,780
Corporate Information Systems Development	3-107	1D-01			500	2,413	2,583	1,680	7,176
Desktop Standardization	3-108	7C-01	1,488	500					1,988
Enterprise Resource Planning System	3-109	1D-01	1,281	2,336		500			4,097
TOTAL CORPORATE SERVICES			5,216	3,818	1,349	3,766	3,557	2,490	20,196
<u>PROPERTY ASSESSMENT DEPARTMENT</u>									
Assessment Automation	3-110	2B-04		500	500				1,000
<u>NON-DEPARTMENTAL PROJECTS</u>									
Convention Centre Cladding	3-111	5C-55	1,300						1,300
- Provincial Funding from VLT Revenues			1,300						1,300
Unallocated Strategic Projects	3-112	6A-03					689	1,000	1,689
Special Innovative Capital	3-113	1D-02				47	168	1,032	1,247
TOTAL NON-DEPARTMENTAL PROJECTS			2,600			47	857	2,032	8,538
<u>TRANSIT DEPARTMENT</u>									
Bus Radio System Replacement with AVL Enhancement	3-114	5C-01			1,704	1,667	2,589		5,960
Bus Washer Replacement / Refurbishment	3-115	5C-01	266						266
Regular Transit Buses	3-116	5C-01							
- Transit Bus Replacement Reserve			5,408	5,576	5,576	5,576	5,745	5,913	33,794
- Province - UCPA III			3,000	3,000	3,000				9,000
- Province - UCPA III Unconditional			2,303	2,468	2,468				7,239
- Province - UCPA IV						3,000	3,000	3,000	9,000
- Province - UCPA IV Unconditional						2,468	2,633	2,798	7,899
Fare Collection System	3-117	5C-01						2,000	2,000
Innovative Transit Program	3-118	5C-02	250	200	200	200	200	700	1,750
Transit Building Replacement/Refurbishment	3-119	5C-01					100		100
Southwest Transit Corridor	3-120	5C-02						250	250
GROSS TRANSIT BUDGET			11,227	11,244	12,948	12,911	14,267	14,661	77,258
TRANSIT BORROWING			516	200	1,904	1,867	2,889	2,950	10,326

CAPITAL PROJECTS SUMMARY				2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 6 YEAR TOTAL
		DETAIL PAGE NO.	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	ADOPTED BY COUNCIL
FUNCTION/PROJECT										
HYDRO ELECTRIC SYSTEM										
Tax Supported Portion - Street Lighting										
Replace Wood Pole Lighting with Ornamental Lighting	3-121	60-03					100	100	100	300
Upgrading Lighting Plant on Bridges	3-122	60-03						250	250	500
TOTAL HYDRO - TAX SUPP. PROGRAM							100	350	350	800
Utilities Supported Portion										
Pointe du Bois Generating Station:										
Tramway Building Replacement	3-123	SC-55			700					700
Replace Turbine/Generator Unit No. 2	3-124	3A-02		14,500						14,500
Replace Turbine/Generator Units No. 3 & 4	3-125	3A-02			14,000	14,000				28,000
Replace Turbine/Generator Unit No. 7 (Straflo Unit 5)	3-126	3A-02					14,000			14,000
Rehabilitate Main Spillway Rollways/Piers and Replace Sluiceways/Hoisting Equipment	3-127	SC-55		900	800					1,500
Replace Transformer No. 2 and Switchgear	3-128	3A-02				2,500				2,500
Powerhouse Life Extension Program	3-129	SC-55		1,000	1,000	5,000			5,000	12,000
Replace Transformers No. 3 & 5 and 69 kV/138 kV Equipment, Re-terminate Generators 9 to 12	3-130	3A-02						3,250		3,250
Miscellaneous Spillway Repairs	3-131	3A-02							800	800
Control Room Upgrade	3-132	SC-55							750	750
SCADA and Control Systems	3-133	SC-55							1,000	1,000
Steve Falls Generating Station:										
Replace Obsolete Powerhouse Equipment - Transformers, Governors, etc	3-134	SC-55				2,000	1,450			3,450
Re-wind No. 2 Generator Stators & Rehabilitate No. 1 & 2 Turbine	3-135	3A-02				2,400	2,400			4,800
Repair of North and Creek Spillway Rollways	3-136	SC-55		1,000	2,500					3,500
Rehabilitate Main Unit Headgates/Rollerpaths	3-137	SC-55		300	800	800	800	800	800	4,300
Rehabilitate Sluiceways and Hoisting Equipment	3-138	SC-55		300	300	400	400	400	400	2,200
Rehabilitate Unit No. 3 Turbine	3-139	3A-02						1,500		1,500
Replace Obsolete Remote Supervisory Control with SCADA	3-140	3A-02		250	250					500
Rehabilitate Powerhouse Structure	3-141	3A-02							1,000	1,000
Rehabilitate Unit No. 4 Turbine	3-142	3A-02							1,700	1,700
Upgrade Control House Equipment	3-143	3A-02							500	500
Automate Local Service Generators	3-144	3A-02							500	500
Pointe du Bois Lines - Upgrade Transmission Lines	3-145	SC-55		3,500	6,000	6,000	6,000	6,000	6,000	33,500
Winnipeg Lines - Purchase and Install a 69 KV Cable Between No. 3 and 12 Substation	3-146	SC-55			4,350					4,350

CAPITAL PROJECTS SUMMARY				2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 6 YEAR TOTAL
	DETAIL PAGE NO.	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	ADOPTED BY COUNCIL
FUNCTION/PROJECT										
Distribution - Various Substations:										
Various Substations - Capacitors	3-147	SC-85		130					100	230
Various Substations - Master Trip System	3-148	3A-02	300							300
Various Substations - Relay System	3-149	3A-02	250	250	250	250	250	250	250	1,500
Various Substations - Potential Transformers	3-150	3A-02				200				200
Various Substations - Circuit Breakers and Buswork	3-151	SC-85	400	800	800	800	800	800	800	4,400
No 1 Substation - Terminate of 69 kV Cable	3-152	SC-85			500					500
No 3 Substation - Termination of 69 kV cable from No 12 Substation	3-153	SC-85		670						670
No 5 Substation - Manitoba Hydro/Wpg. Hydro Interconnection	3-154	SC-85					2,000		3,000	5,000
No 5 Substation - Upgrade - 138/69 kV Switchyard	3-155	SC-85							1,000	1,000
No 6 Substation - Upgrade - 138/69 kV Switchyard	3-156	SC-85							1,000	1,000
No 7 Substation - Substation Upgrade	3-157	SC-85				1,500	1,500			3,000
No 7 Substation - Grounding Transformer	3-158	SC-85					500			500
No 9 Substation - Substation Upgrade - Purchase Electrical Equipment Phase 1	3-159	SC-85							1,750	1,750
No 12 Substation - Installation of Transformer, Building & Switchgear	3-160	SC-85	1,590							1,590
No 21 Substation - Switchyard Wall	3-161	SC-85							300	300
No 22 Substation - Purchase 69 kV/460 kV Transformer	3-162	SC-85			400					400
Hydro Distribution:										
Central Control - SCADA	3-163	3A-02	1,000					1,000		2,000
Emergent Equipment	3-164	SC-85	250	250	250	250	250	250	250	1,500
Replacement of Overhead Plant	3-165	SC-85	100	500	100	100	100	100	100	1,000
Supply Load Increases	3-166	SC-85	1,100	1,100	1,100	1,100	1,100	1,100	1,100	6,600
Supply New Customers /Network System - New Services	3-167	2A-07	775	775	775	775	775	775	775	4,650
System Improvements & Replacements	3-168	SC-85	1,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000
Conversion of Downtown Area	3-169	6D-03	300	300	300	300	300	300	300	1,800
Overhead to Underground Conversion of Major Streets	3-170	6D-03					740		740	1,480
Image Route Improvements	3-171	SC-85	800	500	500	500	500	500	500	3,000
Remove Overhead on Academy Rd from Kenaston to Cambridge	3-172	6D-03					2,400			2,400
No 6 Substation Ductline and Cable	3-173	SC-85	235							235
Miscellaneous:										
Garage Building - Vehicle & Equipment Replacement	3-174	SC-85	240	240	240	330	240		250	1,540
Operating Buildings - Building Rearrangement - Modifications to Operating Buildings	3-175	4F-01	500	500	500	500	500	500	500	3,000
Customer Premises - Water Heater Control & Automatic Meter Reading	3-176	3A-02				500	2,000		2,000	4,500
GROSS HYDRO BUDGET (Utility supported)			29,390	37,815	37,915	35,655	27,905	34,165	202,845	
HYDRO SUPPORTED DEBENTURES			29,390	37,815	37,915	35,655	27,905	34,165	202,845	

<u>CAPITAL PROJECTS SUMMARY</u>			2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 5 YEAR TOTAL
	DETAIL PAGE NO.	PLAN WPG. IND.	BUDGET ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	FORECAST ADOPTED BY COUNCIL	ADOPTED BY COUNCIL
FUNCTION/PROJECT									
<u>WATER & WASTE DEPARTMENT</u>									
<i>Tax Supported Portion - Land Drains and Flood Control</i>									
LAND DRAINAGE - REGIONAL									
Combined Sewer Flood Relief - Sewer Frontage Levy Funding	3-177	SC-28	7,000	7,500	7,500	7,200	7,200	7,200	43,600
Flood Relief Sewers - Separate - Sewer Frontage Levy Funding	3-178	SC-21				300	300	300	900
Impoundment Shoreline Replacement/Upgrading	3-179	SC-30	100	100	100		100	100	500
Regional Flood Protection	3-180	SC-29	389	444	444	444	444	450	2,585
Flood Pumping Station Reliability Upgrades	3-181	SC-29			1,000	1,000	1,000	1,450	4,450
Land Drainage Sewers Outfall Gate Structures	3-182	SC-29			2,000	500	2,000	2,000	6,500
Development Agreement Paybacks - Developer Capacity Charges Financing	3-183	SC-31	800	510				800	1,810
Flood Activity / Emergency Information System	3-184	SC-29	1,400	300					1,700
Floodplain Management	3-185	SC-29			300				300
Permanent Secondary Dikes (Contingent on 90% Federal/Provincial Contribution on \$40 Million Project)	3-186	SC-29	1,000		1,000		1,000	400	3,400
St. Germain / Vermette Drainage Study	3-187	SC-29			100				100
Permanent Land Drainage Pumping Station at Kilkenny and Rice	3-188	SC-29						800	800
TOTAL LAND DRAINAGE - REGIONAL			10,389	8,854	12,444	9,444	12,644	13,300	66,448
LAND DRAINAGE - RESIDENTIAL									
Combined Sewer Renewals (Funded by Combined Sewer Renewal Reserve - Sewer Frontage Levy)	3-189	SC-38	10,000	11,080	11,080	11,080	11,080	11,080	65,480
Outfall Maintenance	3-190	SC-38	480	450	450	450	450	100	2,350
TOTAL LAND DRAINAGE - RESIDENTIAL			10,530	11,530	11,530	11,530	11,530	11,180	67,830
TOTAL LAND DRAINAGE AND FLOOD CONTROL			20,889	20,384	23,974	20,974	23,974	24,480	134,278
TOTAL LAND DRAINAGE AND FLOOD CONTROL INTERNAL BORROWING			3,309	1,294	5,394	2,394	4,994	5,300	22,685

CAPITAL PROJECTS SUMMARY				2000 000's	2001 000's	2002 000's	2003 000's	2004 000's	2005 000's	2000-2005 6 YEAR 000's
				BUDGET	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	TOTAL
	DETAIL	PLAN		ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED
	PAGE	WPG		BY	BY	BY	BY	BY	BY	BY
FUNCTION/PROJECT	NO.	IND.		COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL
WATER & WASTE DEPARTMENT - Utility Supported										
WATER WORKS SYSTEM - Utility Funding										
Long Term Zebra Mussel Mitigation (1)	3-191	SC-14			1,000					1,000
Shoal Lake Aqueduct Condition Assessment & Rehabilitation - Aqueduct Renewal Reserve Funding	3-192	SC-11		5,000	5,000	4,400	2,400			16,800
Waverley Street Feedermain (1)	3-193	SC-12		2,100						2,100
Saskatchewan Avenue Feedermain (1)	3-194	SC-12					1,163			1,163
Water Treatment - Preliminary Engineering & Pre-Design - Water Treatment Reserve funding	3-195	SC-14		1,500						1,500
Water Treatment Plant - Functional & Detailed Design & Construction - Water Treatment Reserve funding	3-196	SC-14						36,000	67,000	103,000
				1,000	3,000	6,000	26,000	48,000	13,000	97,000
GWWD Railway Bridge Replacement (1)	3-197	SC-11				530				530
Lagmodiere Boulevard Feedermain (1)	3-198	SC-12							1,300	1,300
McPhillips Pumping Station - Natural Gas Engine Replacement (1)	3-199	SC-11							1,000	1,000
MacLean Pumping Station - Natural Gas Engine Replacement (1)	3-200	SC-11							1,000	1,000
Branch 1 Aqueduct - Seine River Crossing Bank Stabilization (1)	3-201	SC-11							500	500
Water SCADA Replacement (1)	3-202	SC-11							1,275	1,275
Land Based Information System (See Also Related Funding in Corporate Services and Sewage Disposal System Budgets) (1)	3-203	1D-01		125						125
Computerized Work Management System (1)	3-204	2B-02		1,400	125		125	125		1,775
Pumping Stations - Chlorine Vent Scrubbers (1)	3-205	SC-12					200	800		1,000
Watermain Renewals (Funded from Watermain Renewal Reserve Fund - Watermain Frontage Levy)	3-206	SC-38		6,500	6,500	6,500	6,500	6,500	6,500	39,000
(1) Financed from Waterworks Retained Earnings				3,625	1,125	530	1,488	925	5,075	12,768
GROSS WATERWORKS BUDGET (Utility Supported)				17,625	15,625	17,430	36,388	91,425	91,575	270,068
TOTAL WATERWORKS SUPPORTED DEBENTURES								36,000	67,000	103,000

CAPITAL PROJECTS SUMMARY			2000	2001	2002	2003	2004	2005	2000-2005
			000's	000's	000's	000's	000's	000's	000's
			BUDGET	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	TOTAL
			ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED	ADOPTED
			BY	BY	BY	BY	BY	BY	BY
			COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL	COUNCIL
FUNCTION/PROJECT	DETAIL PAGE NO	PLAN WPG. IND							
SEWAGE DISPOSAL SYSTEM - Utility Funding									
Grit Handling Upgrade - NEWPCC (2)	3-207	SC-17		2,500					2,500
Primary Clarifier Covers - NEWPCC (2)	3-208	SC-18		300	6,900				7,200
Wastewater Disinfection - NEWPCC - Environmental Reserve Funding	3-209	SC-18		6,480	8,520				15,000
Chlorine Containment and Vent Scrubber - NEWPCC (2)	3-210	SC-19				200	2,800		3,000
High River Level (Flood) Protection - NEWPCC (2)	3-211	SC-17						750	750
High River Level (Flood) Protection - SEWPCC (2)	3-212	SC-17			2,000				2,000
Capacity Study/Preliminary Engineering - SEWPCC (2)	3-213	SC-17		200	500	1,500	1,500		3,700
Primary Clarifier Expansion - SEWPCC (2)	3-214	SC-17			250	8,500			8,750
Wastewater Disinfection - WEWPCC - Environmental Reserve Funding	3-215	SC-18		800	980	950			2,730
Lift Stations Upgrading (2)	3-216	SC-24	290	250	250	250	250	250	1,500
Perimeter Road Pumping Station - Pump Upgrade (2)	3-217	SC-24		500					500
Provencher Bridge - Reconstruction of Dumoulin Foreman (2)	3-218	SC-24	800						500
Fort Garry Interceptor - McGillivray/Kenaston Extension (2) (See note below)	3-219	SC-17				1,620			1,620
Regional Sewer Engineering & Renewal Program (2)	3-220	SC-24	585						585
Combined Sewer Overflow (CSO) Management Strategy & Misc Mitigation - Environmental Reserve Funding	3-221	SC-25	1,000	1,000	1,000	5,000	5,000	5,000	18,000
Wards Interceptor - Development Agreement Paybacks (2)	3-222	SC-17			557				557
Wastewater Collection SCADA System (2)	3-223	SC-24						2,500	2,500
Inflow/Infiltration/Cross-Connection Study and Mitigation (2)	3-224	SC-22						2,000	2,000
Sewer System Isolation in Areas Protected by Secondary Dikes (2)	3-225	SC-22						1,000	1,000
Land Based Information System (2) (See Also Related Funding in Corporate Services and Waterworks System Budgets)	3-226	10-61	125						125
Computerized Work Management System (2)	3-227	28-02	1,400	125		125	125		1,775
(2) Financed from Sewage Disposal Retained Earnings			2,860	3,875	10,457	12,195	4,675	6,500	40,562
TOTAL SEWAGE DISPOSAL - REGIONAL			3,860	12,185	20,957	18,148	9,875	11,500	78,292
RESIDENTIAL									
Wastewater Sewer Renewal (Funded from Wastewater Sewer Renewal Reserve - Sewer Frontage Levy)	3-228	SC-38	420	420	420	420	420	420	2,520
TOTAL SEWAGE DISPOSAL - RESIDENTIAL			420	420	420	420	420	420	2,520
GROSS SEWAGE DISPOSAL BUDGET			4,280	12,575	21,377	18,568	10,095	11,920	78,812

Note: This project was revised by Council Jan 26/00 increasing the project cost to \$3.4 million and advancing it to the year 2000. Increased financing is from the Sewage Disposal Retained Earnings. The figures provided above reflect those as at the date Council adopted the capital budget on December 16, 1999.



The City of Winnipeg

Capital Projects Detail

2000 Annual Capital Estimates

and

2001 to 2005 Five-Year Capital Forecast

Adopted by Council on December 16, 1999

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Capital Projects Detail Introduction

Presentation

The following section of this document gives additional details about each project in the estimates, including financial details, a narrative description, and in some cases a map or diagram. The projects are arranged by department, with the General Capital Fund (tax supported) departments first and utilities at the end. The Water and Waste Department has both tax supported and utility supported projects. Similarly, the Hydro utility has some tax-supported projects relating to street lighting.

Capital Priority Rating

Following the project name a reference to a Capital Priority Rating number appears. The Capital Priority Rating System is explained in detail in the Exhibits section after the last tab of this document.

Usually this rating consists of two numbers separated by a dash. The higher the priority rating numbers the higher the priority of the project. The first number refers to the service provided ranging from a high of 5 for vital services down to 1 for desirable services. The second number refers to the project's impact on service provision, ranging from a high impact of 4 to a low of 1.

In some cases up to two bonus points may be added for projects which clearly contribute specifically to the City's declared development objectives.

Program/Service

The Program/Service category provides a direct link between a specific capital project and the public or internal service it assists in providing. These program/service categories reflect those described in the City's Corporate Plan. Please refer to the discussion on budget reform in the "Issues" section of the "Overview" portion of this document for additional detail.

Plan Winnipeg Indicator

The Plan Winnipeg Indicator appears below the Capital Priority Rating. Plan Winnipeg Indicators show which objective of the City's long range plan is most closely related to the project, although in many cases other objectives could also apply.

Financial Information and Assumptions

For each project a table of financial information is provided. All the project costs for the tax supported General Capital Fund projects include 1% Administration and 2% Financing overhead charges. The Centre Number shown in the top left corner of each financial table refers to the number used in the General Ledger accounting records.

All project costs are assumed to be funded by the City through its General Reserve unless a breakdown of specific funding sources is shown in the table. As noted in the capital projects summary, unallocated UCPA funds will also be used to offset the funding requirements of the General Reserve.

The 2000 amounts, shown in the financial table, are the only funds approved for spending. The 2001 - 2005 amounts are a forecast only.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Local Improvements

Centre No: 99yyxxxxxx
 Program/Service: Property Stewardship
 Local Improvements

Capital Priority Rating: Priority Points: 2 - 3
 Plan Winnipeg Indicator: Local Area Planning (5A - 01)
 Support Existing Neighbourhood

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		259	800	750	750	750	750	750	4,550	4,809
Funded by:										
City		259	800	750	750	750	750	750	4,550	4,809

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	259	680	758	750	750	750	750	112	4,809
Funded by:									
City	259	680	758	750	750	750	750	112	4,809

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	29	55	49
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	40	113	112
Surplus/(Deficit) in Current Budget	(11)	(58)	(63)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Local Improvement Capital Projects are those which are financed partly by a direct levy on the properties benefited (Property Owner's Share) and partly by a mill rate levy over the City-At-Large (City's Share). The program is governed by Local Improvement By-Law No. 98/72 and is subject to advertising and subsequent approval by the majority of ratepayers involved. The types of expenditure generally falling within this category are: paving of local streets and lanes; sidewalk and boulevard construction; installation of new water mains and sewers; ornamental street lighting and lane lighting.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Sterling Lyon Parkway - Victor Lewis Drive to Kenaston Boulevard

Centre No: 51yy0107xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street Improvements

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								100	100	100
Funded by:										
City								100	100	100

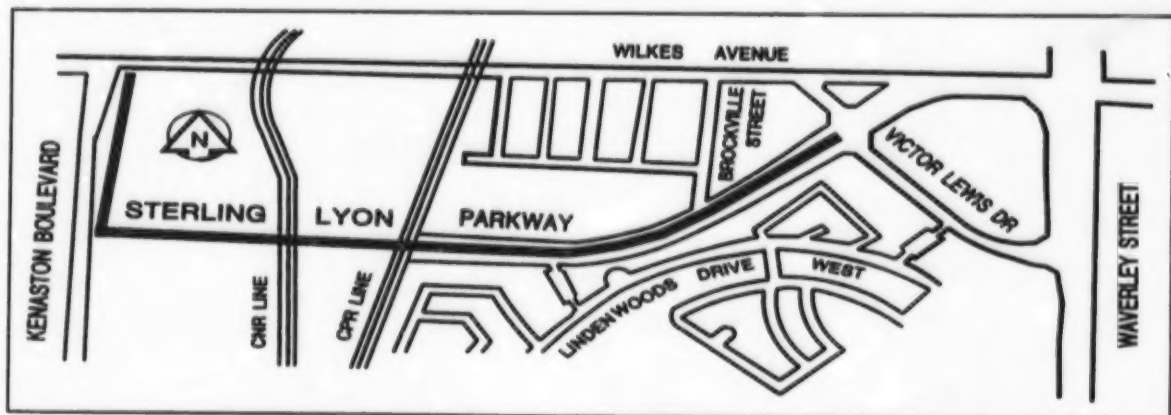
CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							100		100
Funded by:									
City							100		100

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Construction of a new two lane facility between Victor Lewis Drive and Kenaston Boulevard.

Provision of a connection from Waverley Street to Kenaston Boulevard and improved capacity to accommodate existing and projected travel demands.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Moray Street - Extension to Grant Avenue

Centre No. 51yy0107xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street Improvements

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			750	1,000	6,946				8,696	8,696
Funded by:										
City			750		6,946				7,696	7,696
Charleswood Levy*				1,000						1,000

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		750	1000	5,904	1042				8,696
Funded by:									
City		750		5,904	1,042				7,696
Charleswood Levy			1,000						1,000

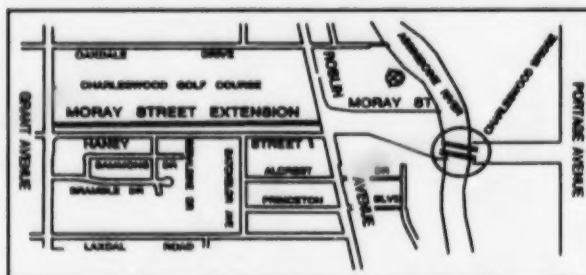
NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		10	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		11	33
Surplus/(Deficit) in Current Budget	0	(1)	(33)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

* Pending Review

Preliminary engineering, environmental impact study and public participation in 2000.

Construction of sewer in 2001 and the construction of a new four lane divided facility between Roblin Boulevard and Grant Avenue in 2002. Project includes the extension of Charleswood Bridge project connecting Portage Avenue and Grant Avenue and improved capacity to accommodate existing and projected travel demands as well as reduce through traffic in residential street system between Roblin Boulevard and Grant Avenue.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Kenaston Boulevard - Academy Road to Taylor Avenue

Centre No. 51yy0307xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (SC - 01)
 Maintain Existing Infrastructure

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	600	100	100	100	100	100	400	1,100	1,900	2,000
Funded by:										
City		100	100	100	100	100	400	1,100	1,900	2,000

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	100	85	100	100	100	355	995	165	2,000
Funded by:									
City	100	85	100	100	100	355	995	165	2,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	3	3	1
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	3	13	19
Surplus/(Deficit) in Current Budget	0	(10)	(18)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Provides maintenance of the roadway until facility is reconstructed. On April 19, 1995, Council approved the expenditure of \$100,000 annually until the construction of the permanent rehabilitation.

Public participation in 2004 and Preliminary Design Study and Environmental Impact Review in 2005 for the reconstruction of Kenaston Boulevard between Academy Road and Taylor Avenue.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: McPhillips Street - North of Jefferson Avenue to Swailes Avenue

Centre No: 51yy0307xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street System Improvements

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		1,457	1,392						1,392	2,849
Funded by:										
City		1,457	1,392						1,392	2,849

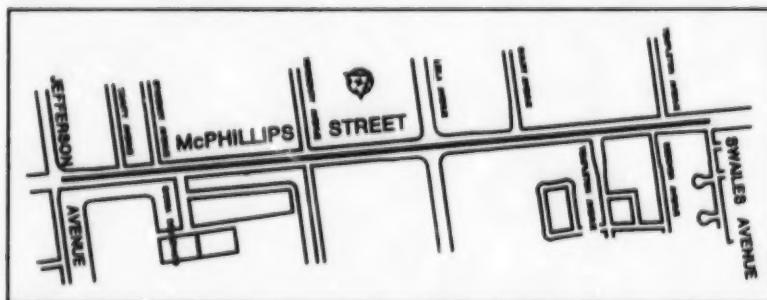
CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	1,457	1,387	5						2,849
Funded by:									
City	1,457	1,387	5						2,849

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	65	48	1
Less: Increase/(Decrease) in Operating Expenditures	19	19	19
Increase in Debt and finance charges	71	262	366
Surplus/(Deficit) in Current Budget	(25)	(233)	(384)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Construction of pavement widening to form a six lane divided facility from Jefferson Avenue to Leila Avenue, concrete joint and slab repairs, asphalt overlay, curb and sidewalk repairs. Construction is to be completed over a two year period in 1999 and 2000. Property acquisition is required. Council approved funding as first call against year 2000 on March 24, 1999.

Provision of improved capacity to accommodate existing and projected travel demands.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Dakota Street - Abbotsford Crescent to Paddington Road

Centre No. 51yy0307xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street Improvements

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						2,750			2,750	2,750
Funded by:										
City						2,467			2,467	2,467
Developer						283			283	283

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					2,338	412			2,750
Funded by:									
Debt					2,055	412			2,467
Developer					283				283

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Includes the construction of an additional two lane pavement to form a four lane divided facility. Rehabilitation and asphalt overlay of existing concrete pavement. The divided roadway will provide capacity and safety in the incorporation of a median for the separation of opposing traffic.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: St. Anne's Road - Novavista Drive to Warde Avenue

Centre No: 51yy0307xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street Improvements

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								300	300	300
Funded by:										
City								300	300	300

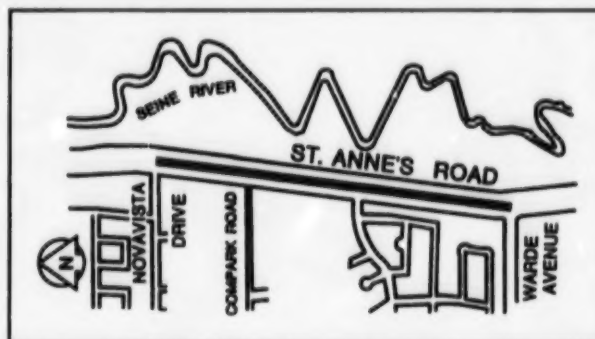
CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							255	45	300
Funded by:									
City							255	45	300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Construction of a four lane divided facility to replace the existing two lane roadway between Novavista Drive and Warde Avenue.

Provision of improved safety through the incorporation of a centre median which separates opposing traffic and improves capacity in the accommodation of the existing and projected travel demand.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Streets Renewals - Annual Program

Centre No: 51yy0407xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 01)
 Maintain Existing Infrastructure

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's) (see note below)			6,188	9,395	8,195	7,263	14,237	9,361	54,639	54,639
Funded by:										
City			6,188	9,395	8,195	7,263	14,237	9,361	54,639	54,639

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		5,260	8,914	8,375	7,403	13,191	10,092	1,404	54,639
Funded by:									
City		5,260	8,914	8,375	7,403	13,191	10,092	1,404	54,639

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		158	28
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		178	545
Surplus/(Deficit) in Current Budget	0	(20)	(517)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Note: Revised by Council Jan.26/00

ANNUAL REGIONAL STREETS MAINTENANCE PROGRAM.

Carrying out the yearly requirements for: street reconstruction or street rehabilitation by the application of joint and slab renewals, asphalt overlays, and curb and sidewalk reconstruction. Includes projects which primarily involve the renewal of existing roadways and road surfaces with little or no improvement to the roadway alignment or width. Maintaining the quality, structural adequacy and rideability of the Regional Street System.

Projects for the Regional Street - Normal Annual Program include the following:

Bishop Grandin Boulevard from St. Anne's Road to the Fort Garry Bridge	\$ 465
Inkster Boulevard from Main Street to Arlington Street	200
Keewatin Street from Hekla Avenue to Inkster Boulevard	1,683
Notre Dame Avenue from McPhillips Street to Dublin Avenue	1,725
Waverley Street from Wilkes Avenue to McGillivray Boulevard	600
Grant Avenue from Chalfont Road to 150 m East of Haney Street	1,515
Total	\$ <u>6,188</u>

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Cumberland Avenue - Maryland Street to Hargrave Street

Centre No: 51yy0407xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities
 Maintain Existing Infrastructure (5C-01)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's) (see note below)			230						230	230
Funded by:										
City			230						230	230

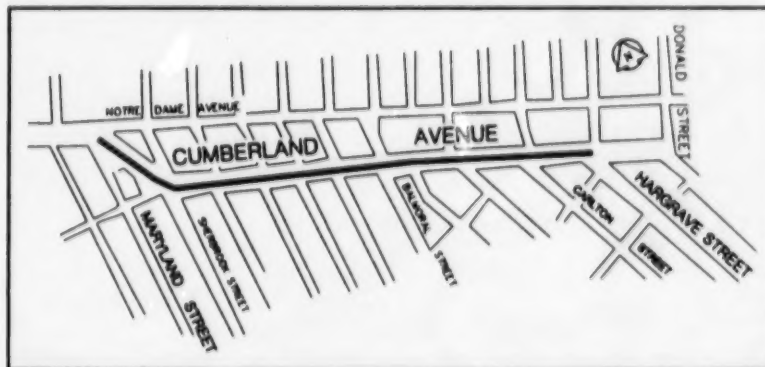
CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		196	34						230
Funded by:									
City		196	34						230

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		6	1
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		7	21
Surplus/(Deficit) in Current Budget	0	(1)	(20)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Note: Revised by Council Jan.26/00

Construction of an asphalt overlay. Provision of the protection of the structural integrity in the roadway.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Fermor Avenue - Dunkirk Drive to St. Anne's Road

Centre No: 51yy0407xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 01)
 Maintain Existing Infrastructure

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		774	700						700	1,474
Funded by:										
City		774	700						700	1,474

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	658	711	105						1,474
Funded by:									
City	658	711	105						1,474

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	18	21	3
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	20	81	129
Surplus/(Deficit) in Current Budget	(2)	(60)	(126)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Construction of signal works, concrete repairs, asphalt overlay and intersection modifications at St. Mary's Road. Construction is to be completed over a two year period in 1999 and 2000. Property acquisition is required. Provision of the protection of the structural integrity in the roadway.

Council approved funding as first call against year 2000 on March 24, 1999.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name Waterway Crossings & Grade Separations - Normal Annual Program

Centre No: 51yy0507xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C-01)
 Maintain Existing Infrastructure

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				1,500	500	500	1,500	4,000	8,000	8,000
Funded by:										
City				1,500	500	500	1,500	4,000	8,000	8,000

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			1,275	650	500	1,350	3,625	600	8,000
Funded by:									
City			1,275	650	500	1,350	3,625	600	8,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Annual program of carrying out major repairs on, improvements to, or replacement of existing bridges, underpasses, overpasses and culverts on the Regional Street System. Ensuring continued and continuous services of these facilities to the maximum practical extent.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Henderson Highway Culvert

Centre No: 51yy0507xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street System Improvements

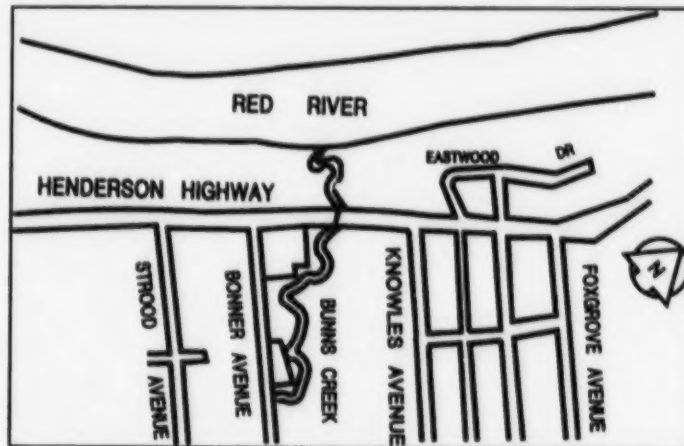
AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			600						600	600
Funded by:										
City			600						600	600

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		510	90						600
Funded by:									
City		510	90						600

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		18	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		20	58
Surplus/(Deficit) in Current Budget	0	(2)	(58)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Embankment stabilization, culvert repairs, roadside safety improvements, asphalt resurfacing and construction of a pedestrian/cycle pathway.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Bridge Deck Restoration-Deck Sealing Program

Centre No: 51yy0507xx
 Program/Service: Transportation
 Asset to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 01)
 Maintain Existing Infrastructure

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			500						500	500
Funded by:										
City			500						500	500

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		425	75						500
Funded by:									
City		425	75						500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	2000	2001	2002
Revenue Increase/(Decrease)	15		
Less : Increase/Decrease in Operating Expenditures			
Increase in Debt and Finance Charges	17	49	49
Surplus/(Deficit) in Current Budget	(2)	(49)	(49)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Annual program to seal, waterproof and restore concrete bridge deck surfaces.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Provencher Bridge (Red River)

Centre No: 51yy0507xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street System Improvements

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		500	4,000	18,900	10,000	10,000	8,000	6,100	57,000	57,500
Funded by:										
City		500	4,000	18,900	10,000	10,000	8,000	6,100	57,000	57,500

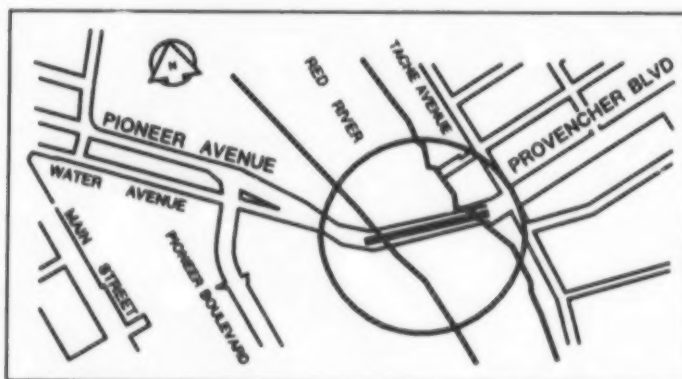
CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	425	3,475	16,665	11,335	10,000	8,300	6,385	915	57,500
Funded by:									
City	425	3,475	16,665	11,335	10,000	8,300	6,385	915	57,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	12	93	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	13	142	374
Surplus/(Deficit) in Current Budget	(1)	(49)	(374)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Annual monitoring, inspection and preventative maintenance until scheduled completion in 2002.

A public consultation process and an environmental impact assessment started in 1999 and preliminary engineering design to begin in 2000 for proposed replacement of the existing structure commencing in 2001.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Disraeli Bridge and Overpass Facility - Hespeler Avenue to Main Street

Centre No: 51yy0507xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 01)
 Maintain Existing Infrastructure

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			100	100	150	500	200	1,000	2,050	2,050
Funded by:										
City			100	100	150	500	200	1,000	2,050	2,050

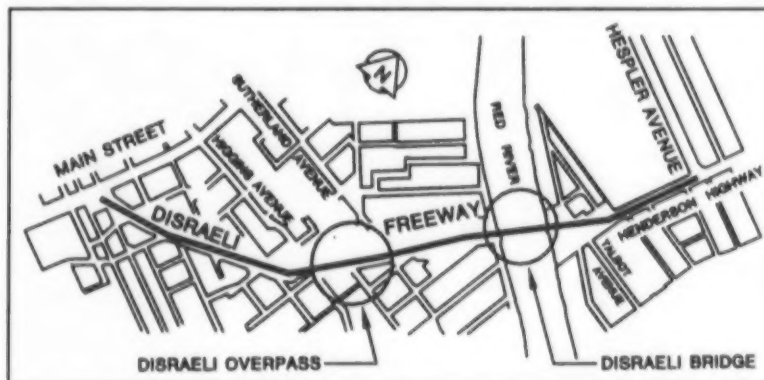
CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		85	100	143	447	245	880	150	2,050
Funded by:									
City		85	100	143	447	245	880	150	2,050

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		3	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		3	10
Surplus/(Deficit) in Current Budget	0	0	(10)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Annual monitoring, preventative maintenance and inspection until major repairs take place.

Monies for preliminary engineering, preliminary environmental assessment and public consultation is allowed for commencing in 2003.



PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Traffic Engineering Improvements - Various Locations

Centre No: 51yy0707xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street System Improvements

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		800	500	500	500	500	1,000	1,000	4,000	4,800
Funded by:										
City		800	500	500	500	500	1,000	1,000	4,000	4,800

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	680	545	500	500	500	925	1,000	150	4,800
Funded by:									
City	680	545	500	500	500	925	1,000	150	4,800

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	22	14	2
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	24	85	120
Surplus/(Deficit) in Current Budget	(2)	(71)	(118)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Annual program which includes traffic control signals and pedestrian corridors, traffic signal systems enhancement, roadside safety improvements, traffic improvements, street lighting, railway crossing signals and traffic calming measures. The function is to improve the safety and the traffic capacity of the existing Regional and Local Street Systems.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Pedestrian and Cycle Facilities - Normal Annual Program

Centre No: 51yy0807xx
Program/Service: Transportation

Access to Pathways & Walkways

Capital Priority Rating: Priority Points 3 - 4
Plan Winnipeg Indicator: Regional Services and Facilities (5C -04)
Integrate Land Use, Urban Design, and Transportation Planning

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		182	300	300	300	300	300	300	1,800	1,982
Funded by:										
City		182	300	300	300	300	300	300	1,800	1,982

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	155	282	300	300	300	300	300	45	1,982
Funded by:									
City	155	282	300	300	300	300	300	45	1,982

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	10	8	1
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	11	40	61
Surplus/(Deficit) in Current Budget	(1)	(32)	(60)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Program for construction of new sidewalks and cycle facilities along Regional Streets where no sidewalk or cycle facility presently exists and where there is a warrant for the provision of a facility.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Land Acquisition - Transportation Rights-of-Way (Normal Annual Program)

Centre No: 51yy1007xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 03)
 Commit to Regional Street System Improvements

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							600		600	600
Funded by:										
City							600		600	600

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						600			600
Funded by:									
City						600			600

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Allowance for the acquisition of land for future transportation rights-of-way not included in any specific Capital Project within the given year's Capital Program. To allow for eventual implementation of proposed transportation plans by acquiring rights-of-way for these plans when the necessary land becomes available or when non-compatible private development is proposed on the land in question.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Residential Street Renewal

Centre No: 51yy1407xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 2 - 3
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 38)
 Provide Infrastructure Maintenance and Renewal

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	10,000	13,500	5,316	5,137	7,838	8,800	9,723	10,115	46,929	60,429
Funded by:										
City		5,500	5,316	5,137	7,838	8,800	9,723	10,115	46,929	52,429
Prior Borrowing		3,000								3,000
Provincial		5,000								5,000

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	12,675	5,344	5,164	7,433	8,656	9,585	10,056	1,516	60,429
Funded by:									
City	4,675	5,344	5,164	7,433	8,656	9,585	10,056	1,516	52,429
Prior Borrowing	3,000								3,000
Provincial	5,000								5,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	60	135	24
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	65	342	657
Surplus/(Deficit) in Current Budget	(5)	(207)	(633)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Carrying out requirements for: street reconstruction or street rehabilitation by the application of joint and slab renewals, asphalt overlays, and curb and sidewalk reconstruction. Includes projects which primarily involve the renewal of existing roadways and road surfaces with little or no improvement to the roadway alignment or width. Maintains the quality, structural adequacy and rideability of the residential street system.

[Note: See recommendation No. 11 related to the City's intent to negotiate with the Province for matched funding for this program.]

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Curb Repair Program

Centre No: 51yy1807xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 2 - 3
 Plan Winnipeg Indicator: Regional Services and Facilities
 Provide Infrastructure Maintenance and Renewal
 (5C-38)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		250	250	250	250	250	250	250	1,500	1,750
Funded by:										
City		250	250	250	250	250	250	250	1,500	1,750

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	213	250	250	250	250	250	250	37	1,750
Funded by:									
City	213	250	250	250	250	250	250	37	1,750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	8	6	1
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	9	32	47
Surplus/(Deficit) in Current Budget	(1)	(26)	(46)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Curb renewals at various locations on Local Streets within the five communities.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Lane Renewals - 5 Communities, Various

Centre No: 51yy1308xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 2 - 3
 Plan Winnipeg Indicator: Regional Services and Facilities (SC - 38)
 Provide Infrastructure Maintenance and Renewal

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						2,281	2,758	1,000	6,039	6,039
Funded by:										
City						2,281	2,758	1,000	6,039	6,039

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					1,939	2,686	1,264	150	6,039
Funded by:									
City					1,939	2,686	1,264	150	6,039

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A program to be conducted on an on-going basis for the renewal of alleys on a prioritized basis in the five community areas.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Sidewalk Renewals - 5 Communities, Various

Centre No: 51yy1408xx
 Program/Service: Transportation
 Access to Pathways & Walkways

Capital Priority Rating: Priority Points 2 - 3
 Plan Winnipeg Indicator: Regional Services and Facilities
 Provide Infrastructure Maintenance and Renewal
 (5C-38)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		900	500	500	500	900	900	900	4,200	5,100
Funded by:										
City		900	500	500	500	900	900	900	4,200	5,100

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	765	560	500	500	840	900	900	135	5,100
Funded by:									
City	765	560	500	500	840	900	900	135	5,100

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	21	19	2
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	23	87	130
Surplus/(Deficit) in Current Budget	(2)	(68)	(128)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Sidewalk renewals at various locations on Local Streets within the five community areas.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name Asset Management System

Centre No: 51yy1507xx
 Program/Service: Transportation
 Asset to Roadways

Capital Priority Rating: Priority Points 3 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (SC -01)
 Maintain Existing Infrastructure

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		250	400						400	650
Funded by:										
City		250	400						400	650

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	213	377	60						650
Funded by:									
City	213	377	60						650

NET IMPACT ON THE CURRENT BUDGET (based on above authorization and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	8	10	2
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and Finance Charges	9	35	59
Surplus/(Deficit) in Current Budget	(1)	(25)	(57)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The provision of funding for the installation of an asset and infrastructure analytical system to assist in the application of business principles to the management of the infrastructure. The system will identify the financial needs required to provide and properly maintain the public infrastructure and to minimize the long term costs of maintaining the assets.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Land Drainage Sewers - 3 Areas, Various

Centre No: 51yy1907xx
 Program/Service: Transportation
 Access to Roadways

Capital Priority Rating: Priority Points 2 - 3
 Plan Winnipeg Indicator: Regional Services and Facilities
 Provide Infrastructure Maintenance and Renewal
 (5C-38)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		100	250	250	250	250	250	250	1,500	1,600
Funded by:										
City		100	250	250	250	250	250	250	1,500	1,600

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	100	213	250	250	250	250	250	37	1,600
Funded by:									
City	100	213	250	250	250	250	250	37	1,600

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	3	6	1
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	3	17	31
Surplus/(Deficit) in Current Budget	0	(11)	(30)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Land drainage sewers required in conjunction with isolated catch basins and connections for new pavements as well as miscellaneous improvements.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Aesthetically Improved Streets - Improvements

Centre No: 54yy1807xx
 Program/Service: Recreation & Leisure
 Access to Parks & Open Space

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 04)
 Integrate Land Use, Urban Design,
 and Transportation Planning

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						100	114	257	471	471
Funded by:										
City						100	114	257	471	471

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					100	114	257		471
Funded by:									
City					100	114	257		471

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replacement of turf with hard surfacing material on certain side and centre boulevards whose edges have been damaged over winter months by chemical de-icers and abrasives applied to street surfaces and on those boulevards or portions thereof, in high-use pedestrian areas.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Reforestation Program - Improvements

Centre No: 54yy2307xx
 Program/Service: Environmental Protection
 Access to Parks and Open Space

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Urban Beautification (6B - 03)
 Protect Urban Forest

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		300	339	155	557	500	383	400	2,334	2,634
Funded by:										
City		300	339	155	557	500	383	400	2,334	2,634

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	300	339	155	557	500	383	400		2,634
Funded by:									
City	300	339	155	557	500	383	400		2,634

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	8	11	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	9	37	62
Surplus/(Deficit) in Current Budget	(1)	(26)	(62)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Reforestation program (tree replacement) along City boulevards and in Park sites, as a result of trees lost to Dutch Elm Disease.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Athletic Field - Development

Centre No: 54yy4007xx
 Program/Service: Recreation & Leisure
 Access to Parks & Open Space

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
 Support Recreation & Leisure Sectors
 (6F-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		300				262	168		430	730
Funded by:										
City		300				262	168		430	730

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	300				262	168			730
Funded by:									
City	300				262	168			730

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	7	1	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	8	26	29
Surplus/(Deficit) in Current Budget	(1)	(25)	(29)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Improvement and renovation program that includes grading, sodding, seeding, irrigation and/or drainage improvements and back-stop/goal post improvements and related park development as required on a site-by-site basis.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Athletic Field - Improvements

Centre No: 54yy4407xx
 Program/Service: Recreation & Leisure
 Access to Parks & Open Space

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
 Support Recreation & Leisure Sectors
 (6F-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		180		200		100	198	695	1,193	1,373
Funded by:										
City		180		200		100	198	695	1,193	1,373

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	180		200		100	198	695		1,373
Funded by:									
City	180		200		100	198	695		1,373

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	5	1	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	6	16	17
Surplus/(Deficit) in Current Budget	(1)	(15)	(17)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A general provision for the upgrading of athletic fields throughout the City. (Phase II).

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Athletic Fields - Improvements Cont'd.

Allocated to:	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>Total</u>
John Blumberg - Soccer	60		185				70	315
Grant Park Athletic Grounds	60		15				30	105
Harold Hatcher - Baseball	30				45	60		135
Crocus Park - Baseball	30				40	30		100
Shamrock Park - Soccer						30		30
Ecoie Jolie School/Park - Baseball					15	15		30
McKittrick Park - Baseball						25		25
Silver Heights Community Centre						25		25
Weston Community Centre						13	25	38
Burton Cummings Community Centre							25	25
Pioneer Arena							25	25
Northwood Community Centre							25	25
Dr. Jim Shaver Memorial Park							50	50
St. Vital Memorial Park E. - Soccer							50	50
Vincent Massey - Soccer							50	50
Gateway Community Centre							50	50
Clifton Community Centre							50	50
Athletic Field Upgrading - Various							75	75
Woodsworth Park - Baseball							50	50
Anderson Park Irrigation							50	50
Roland Mitchner Fencing & Drainage							70	70
	180		200		100	198	695	1,373

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Parks - Development (Phase II)

Centre No: 54yy7107xx
 Program/Service: Recreation & Leisure
 Access to Parks and Open Space

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 43)
 Establish New Neighbourhood Parks

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						2,344	495		2,839	2,839
Funded by:										
City						2,344	495		2,839	2,839

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					1,992	772	75		2,839
Funded by:									
City					1,992	772	75		2,839

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Development of parks including accessibility, tree planting, park furniture, walkways, playground, equipment, lighting and related landscape.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Parks Development - Phase II Cont'd.

Allocated to:

	1999	2000	2001	2002	2003	2004	2005	Total
Arthur Wright/Duval Park					135			135
King's Park					107			107
Whittier Park					193			193
Dakota Park					403			403
Sturgeon Creek Park					125			125
Kinver Park					125			125
Amanda Crescent Park					82			82
Dunham Park					43			43
Egesz Park					20			20
Simkin Park					70			70
Fairgrove Park					40			40
Tyndall Park					50			50
Tuxedo West Park					40			40
Morley R. Kare Park					121			121
Gateway Park					77			77
Robson/Atwood Park					220			220
Tanya Crescent Park					156			156
Parks Development - Various					200			200
Marj Edey Park					137			137
St. Vital Park Playground						125		125
John Forsyth Park						100		100
Kilcona Park						200		200
Adsum Park						70		70
					2,344	495		2,839

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Parks - Improvements

Centre No: 54yy7207xx
 Program/Service: Recreation & Leisure
 Access to Parks and Open Space

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C -44)
 Upgrade Existing Neighbourhood Parks

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		518		371	323	260	294	300	1,548	2,066
Funded by:										
City		518		371	323	260	294	300	1,548	2,066

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	518		371	323	260	294	300		2,066
Funded by:									
City	518		371	323	260	294	300		2,066

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	13	2	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	15	45	50
Surplus/(Deficit) in Current Budget	(2)	(43)	(50)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Improvements to parks to provide a more functionally and aesthetically pleasing open space environment for neighbourhood residents. May include replacement of park benches, picnic tables, barbeques, fencing, trees, shrubs, and pathways as required on a City-wide, site by site basis.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Parks Improvements - Cont'd.

Allocated to:

	1999	2000	2001	2002	2003	2004	2005	Total
Assiniboia Community - Park & Playground	183			0	0	0	0	183
Assiniboine Park - Duck Pond	232							232
Rivereast Arena - Tennis Courts	103							103
EK/Transcona Playground Upgrades			110					110
N. Perimeter Boat Launch			111					111
Sargent Park Tennis Courts			150					150
Assiniboine Park Playground Upgrade				173				173
Pathway/Walkway Repairs Imp. (King's/Kildonan/Assiniboine Park)				150				150
Park & Playground Renov. - City Wide					260		300	560
Picnic Shelter/Washroom Renovation (Expansion & Additions In Reg. Parks)						173		173
King's Park Pathway - Relocation						121		121
	518		371	323	260	294	300	2,066

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Playgrounds

Centre No: 54yy8007xx
 Program/Service: Recreation & Leisure
 Casual Recreation Facility Use

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
 Support Recreation & Leisure Sectors
 (6F-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			500						500	500
Funded by:										
City			500						500	500

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		500							500
Funded by:									
City		500							500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Upgrading of playground equipment at various locations.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Community Centres - Refurbishing and Improvements

Centre No: 54yy8307xx
 Program/Service: Recreation & Leisure
 Casual Recreation Facility Use

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Community Services and Facilities (4C - 01)
 Provide Wide Range of Services & Facilities

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		307	140	220	411	1,150	400	350	2,671	2,978
Funded by:										
City		307	140	220	411	1,150	400	350	2,671	2,978

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	307	140	220	411	1,150	400	350		2,978
Funded by:									
City	307	140	220	411	1,150	400	350		2,978

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	7	6	1
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and Finance Charges	8	31	42
Surp'us/(Deficit) in Current Budget	(1)	(25)	(41)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Renewal and/or replacement of building components and systems to meet safety and health concerns and correct deterioration.

Allocated to:

	1999	2000	2001	2002	2003	2004	2005	Total
Conservatory		140						140
East End Cultural Centre			220					220
Service/Refurbish Facility Improvement				411				411
Leisure Centres	307				650	400	350	1707
Public Park Building					500			500
	307	140	220	411	1,150	400	350	2,978

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Building Refurbishing/Improvements - Arenas

Centre No: 54yy8007xx
 Program/Service: Recreation & Leisure
 Casual Recreation Facility Use

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
 Support Recreation & Leisure Sectors
 (6F-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		351				600	520	175	1,295	1,646
Funded by:										
City		351				600	520	175	1,295	1,646

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	351				600	520	175		1,646
Funded by:									
City	351				600	520	175		1,646

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	9	2	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	10	31	34
Surplus/(Deficit) in Current Budget	(1)	(29)	(34)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Renovations and or improvements to various indoor arenas including ice plant repairs, ice resurfacers, room improvements, heating and electrical improvements and replacements of outer building components.

Allocated to:

	1999	2000	2001	2002	2003	2004	2005	Total
Ice Plant - Various	250				330	520	175	1,275
Roof - Various	101				120			221
Rink Board Replacement					150			150
	351				600	520	175	1,646

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Building Refurbishing/Improvements - Indoor Aquatic Facilities

Centre No: 54yy8207xx
 Program/Service: Recreation & Leisure
 Casual Recreation Facility Use

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
 Support Recreation & Leisure Sectors
 (6F-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	416	1,480	1,022	663	203	440	420	350	3,098	4,578
Funded by:										
City		1,480	1,022	663	203	440	420	350	3,098	4,578

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	1,480	1,022	663	203	440	420	350		4,578
Funded by:									
City	1,480	1,022	663	203	440	420	350		4,578

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	38	33	5
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	42	159	144
Surplus/(Deficit) in Current Budget	(4)	(126)	(139)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Renovations and replacement of deteriorated outer building components to selected aquatic facilities due to air barrier failure/ or a general provision for refurbishing/improvements.

Allocated to:

	1999	2000	2001	2002	2003	2004	2005	Total
Air Barrier	1,480	1,022	423				350	3,275
Sherbrook Pool			240		220			460
Margaret Grant Lockers/Deck				100				100
Locker - Various					100	150		250
Filtration - Various					120	270		390
Transcona Centennial Pool Deck				103				103
	1,480	1,022	663	203	440	420	350	4,578

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Building Refurbishing/Improvements - Outdoor Aquatic Facilities

Centre No: 54yy8207xx Capital Priority Rating: Priority Points 1 - 4
 Program/Service: Recreation & Leisure Plan Winnipeg Indicator: Recreation & Leisure Facilities & Services
 Casual Recreation Facility Use Support Recreation & Leisure Sectors
 (6F-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		107				150		195	345	452
Funded by:										
City		107				150		195	345	452

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)	107				150		195		452
Funded by:									
City	107				150		195		452

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	3	1	
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	3	9	10
Surplus/(Deficit) in Current Budget	0	(8)	(10)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Refurbishing/improvements to various outdoor facilities including wading pool basins, slide components, swimming pool tanks, mechanical system and pool decks.

Allocated to:

	1999	2000	2001	2002	2003	2004	2005	Total
Wading Pool/Slide Repair							195	195
Repairs to Various Wading Pools	107				150			257
	107				150		195	452

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Building Refurbishing/Improvements -Miscellaneous

Centre No: 54yy5808xx
 Program/Service: Recreation & Leisure
 Casual Recreation Facility Use

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Recreation and Leisure Facilities and Services
 Support Recreation and Leisure's Sectors
 (6F-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				140		400	480	200	1,220	1,220
Funded by:										
City				140		400	480	200	1,220	1,220

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			140		400	480	200		1,220
Funded by:									
City			140		400	480	200		1,220

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Improvements to various Community Centres including structural repairs, building envelopes, heating, ventilation and air conditioning systems utility services and ground improvements at the building.

Allocated to:

	1999	2000	2001	2002	2003	2004	2005	Total
Community Centre Facility Improvements					400	480	200	1,080
Grounds Improvements			140					140
			140		400	480	200	1,220

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: A/C Plant Refurbishing - Ozone Depletion Act Compliance

Centre No: 54yy7407xx
 Program/Service: Physical Asset Stewardship
 Facility Provision

Capital Priority Rating: Priority Points 1 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities (5C - 5S)
 Provide High Quality Maintenance

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								200	200	200
Funded by:										
City								200	200	200

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							200		200
Funded by:									
City							200		200

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Upgrade of various recreation facilities which presently use halogen, and those facilities which contravene the Ozone Depletion Act.

Replacement of R12 Refrigerants and any associated equipment involved in the change over at various Indoor Arenas and Leisure/Recreation Centres.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Fire/Life Safety Replacement/Asbestos Removal

Centre No: 54yy7407xx Capital Priority Rating: Priority Points 1 - 4
 Progr. m/Service: Physical Asset Stewardship Plan Winnipeg Indicator: Regional Services and Facilities (5C - 55)
 Passive Structure Management Provide High Quality Maintenance

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								225	225	225
Funded by:										
City								225	225	225

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							225		225
Funded by:									
City							225		225

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Upgrading - Replacement of Fire Safety Systems, Emergency Lighting, and Asbestos Abatement where required, to meet the requirements of Fire/Building Codes and possible changing Government regulations. The maintenance of various recreation facilities including indoor pools, arenas, community centres and leisure centres.

PUBLIC WORKS DEPARTMENT – GENERAL CAPITAL FUND

Project Name: Energy Conservation Initiatives

Centre No: 54yy7407xx

Program/Service: Physical Asset Stewardship
Passive Structure Management

Capital Priority Rating: Priority Points 1 - 4

Plan Winnipeg Indicator: Energy Conservation (3G - 01)
Prepare Energy Management Plan

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								125	125	125
Funded by:										
City								125	125	125

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							125		125
Funded by:									
City							125		125

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Maintenance of -

Various Recreation Facilities including Indoor Pools, Arenas, Community Centres, and Leisure Centres to improve energy efficiency, to lower utility operating costs and decrease emissions.

Provision of -

Implementation phase of Energy Management Plan, to improve energy efficiency, to lower utility operating costs and decrease emissions.
Utility Bill Savings - Reduced energy costs promoting cost efficiency.

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Community Incentive Grant Program

Centre No: 64yy250704
Program/Service: Recreation & Leisure

Capital Priority Rating: Priority Points 1 - 2
Plan Winnipeg Indicator: Recreation and Leisure Facilities and Services
Support Recreation and Leisure Sectors (6F-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	6,042	1,393	1,564	1,082	1,082	1,393	1,393	1,393	7,907	9,300
Funded by:										
City		1,393	1,564	1,082	1,082	1,393	1,393	1,393	7,907	9,300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		244	1,843	1,435	1,235	1,326	1,352	1,393	472	9,300
Funded by:										
City		244	1,843	1,435	1,235	1,326	1,352	1,393	472	9,300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges				2	43	221
Surplus/(Deficit) in Current Budget				(2)	(43)	(221)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Community Incentive Grant Program of the City of Winnipeg is designed to encourage organizations to undertake community recreation and to support capital projects which will result in long term benefits to the Community at large in terms of improved facilities (Criteria were adopted by Council on May 25, 1994).

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Assiniboine Park Zoo Development

Centre No: 54yy0507xx
Program/Service: Recreation & Leisure

Capital Priority Rating: Priority Points 1 - 4
Plan Winnipeg Indicator: Recreation and Leisure Facilities and Services
Support Assiniboine Park Zoo (6F-03)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					100		950	1,000	2,050	2,050
Funded by:										
City					100		950	1,000	2,050	2,050

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					100		500	1,450		2,050
Funded by:										
City					100		500	1,450		2,050

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Allocated as follows:

	2000	2001	2002	2003	2004	2005	Total
To prepare detailed plans for specific projects as identified in an overall concept plan for the Zoo.			100				100
Construction of new 15,000 sq. ft. Zoo Staff/Office Centre			<u>100</u>		<u>950</u>	<u>1,000</u>	<u>1,950</u>
					<u>950</u>	<u>1,000</u>	<u>2,050</u>

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Assiniboine Park Zoo - Improvements

Centre No: 54yy0807xx

Program/Service: Recreation & Leisure

Capital Priority Rating: Priority Points 1 - 4

Plan Winnipeg Indicator: Recreation and Leisure Facilities and Services

Support Assiniboine Park Zoo (6F-03)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				200	270	200	100	666	1,436	1,436
Funded by:										
City				200	270	200	100	666	1,436	1,436

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				200	270	200	100	466	200	1,436
Funded by:										
City				200	270	200	100	466	200	1,436

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			1
Surplus/(Deficit) in Current Budget	0	0	(1)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Allocated as follows:

	2000	2001	2002	2003	2004	2005	Total
Roadway and walkway repairs						353	353
Building improvements		200	110				310
Miscellaneous Zoo improvements						213	213
Major repairs to Tropical House				200			200
Roof replacement program			160				160
Infrastructure improvements						100	100
Energy conservation program - conversion to gas					100		100
	<u>200</u>	<u>270</u>	<u>200</u>	<u>100</u>	<u>100</u>	<u>666</u>	<u>1,436</u>

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Cemeteries - Improvements

Centre No: 54yy1307xx
Program/Service: Social Well-being

Capital Priority Rating: Priority Points 1 - 4
Plan Winnipeg Indicator: Community Services and Facilities
Provide Wide Range of Services and Facilities (4C-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						166	501		667	667
Funded by:										
City						166	501		667	667

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						166	501			667
Funded by:										
City						166	501			667

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Miscellaneous improvements to Brookside & St. Vital Cemeteries including roadway resurfacing, drainage improvements, tree planting, etc.

Allocated as follows:

	2000	2001	2002	2003	2004	2005	Total
Brookside Cemetery				166	301		467
St. Vital Cemetery				<u>166</u>	<u>200</u>		<u>200</u>
				166	501		667

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Computer Acquisition - Upgrade Reorganization and Customer Service Initiatives

Centre No: 64yy080701

Program/Service: Information Stewardship

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Declaration of Commitment

Ensure Quality Service (1D-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	650	740	131	120	200	200		350	1,001	1,741
Funded by:										
City		740	131	120	200	200		350	1,001	1,741

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		740	131	120	200	200		350		1,741
Funded by:										
City		740	131	120	200	200		350		1,741

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	4	75	88
Surplus/(Deficit) in Current Budget	(4)	(75)	(88)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Funding is required to continue establishing the departmental computer technology base, provide the capability to distribute and share information across divisions and participate in corporate information initiatives such as Desktop Standardization, Image and Workflow, and partnerships such as expansion of BUILD Technology. In preparing this estimate, Community Services expects that approximately \$500,000 in additional funding could be forthcoming from the Desktop Standardization Capital Project currently under discussion to assist in meeting Year 2000 issues. This amount does not represent the complete transfer from Desktop Standardization anticipated for Community Services. The Community Services Department expects to improve on its productivity and customer service through the implementation of planned new information systems.

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Library Replacements - Various

Centre No: 55yy0107xx

Program/Service: Community Development

Capital Priority Rating: Priority Points 1 - 2

Plan Winnipeg Indicator: Regional Services and Facilities

Ensure Proper Location of Libraries (5C-54)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								521	521	521
Funded by:										
City								521	521	521

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								521		521
Funded by:										
City								521		521

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Provision for a program of building, furniture and equipment replacement for branch libraries.

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Millennium Library

Centre No: 55yy020701

Program/Service: Community Development

Capital Priority Rating: Priority Points 1 - 2

Plan Winnipeg Indicator: Regional Services & Facilities

Support Public Library System (5C-53)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					1,000	1,000	1,000		3,000	3,000
Funded by:										
City*					1,000	1,000	1,000		3,000	3,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					1,000	1,000	1,000			3,000
Funded by:										
City					1,000	1,000	1,000			3,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

* Conditional Upon Other Funding Being in Place

The Millennium Library Square Project is the complete renovation and refurbishing of the current Centennial Library to provide library service in the 21st. century. The Millennium Library will contain major technological and structural improvements. The project includes a possible private partnership to enhance its viability. Annual operating expenditures are anticipated at \$ 2 million.

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Security Systems - Various Branches

Centre No: 55yy0207xx

Program/Service: Community Development

Capital Priority Rating: Priority Points 1 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Support Public Library System (5C-53)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	132					129			129	129
Funded by:										
City						129			129	129

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						50	50	29		129
Funded by:										
City						50	50	29		129

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

On-going program to provide security of library materials at various branches.

COMMUNITY SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Community Computer Access Program

Centre No: 55yy040701

Program/Service: Community Development

Capital Priority Rating: Priority Points 1 - 2

Plan Winnipeg Indicator: Regional Services and Facilities

Support Public Library System (5C-53)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	1,500	500	425	425	425	280	280		1,835	2,335
Funded by:										
City		500	425	425	425	280	280		1,835	2,335

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		350	450	425	425	325	280	80		2,335
Funded by:										
City		350	450	425	425	325	280	80		2,335

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges				2	37	82
Surplus/(Deficit) in Current Budget				(2)	(37)	(82)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Computer system expansion and upgrade to provide information services to our community. The implementation of an integrated multimedia (voice, data, audio, video) network of computers in all libraries which will provide both staff and public with access to numerous electronic resources including but not limited to WPL's On-Line catalogue, CDROMS, the Internet, the Freenet, City Information Databases, Community Information Database, etc. The project will provide for the community, equitable access to electronic information from around the world.

POLICE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Vehicle Inspection Building

Centre No: 5604010701

Program/Service: Public Safety/Traffic Control & Traffic
Law Enforcement

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services
(5C - 51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							149		149	149
Funded by:										
City							149		149	149

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							149			149
Funded by:										
City							149			149

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

To provide facility for vehicle inspections during inclement weather.

POLICE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: P.A.R.C.S. Replacement

Centre No: 5600040701

Program/Service: Information Stewardship/
Departmental Information Management

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services
(5C - 51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			3,750						3,750	3,750
Funded by:										
City			3,750						3,750	3,750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			400	3,350						3,750
Funded by:										
City			400	3,350						3,750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		47	495
Surplus/(Deficit) in Current Budget	0	(47)	(495)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replacement of Police Automated Records & Communication System (P.A.R.C.S) in order to meet service demands.

POLICE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Mobile Data Terminal Upgrade

Centre No: 5601040701

Program/Service: Information Stewardship/
Departmental Information Management

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services
(5C - 51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				575					575	575
Funded by:										
City				575					575	575

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				575						575
Funded by:										
City				575						575

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			78
Surplus/(Deficit) in Current Budget	0	0	(78)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Terminal replacement in order to permit access by the Police patrol units to upgraded Canadian Police Information Centre.

POLICE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Automatic Vehicle Locator

Centre No: 5605040701

Program/Service: Public Safety/Emergency Incident Response

Capital Priority Rating: Priority Points 3 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Emergency Services
(5C - 51)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,582	1,582	1,582
Funded by:										
City								1,582	1,582	1,582

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,582		1,582
Funded by:										
City								1,582		1,582

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Automatic Vehicle Locator System will give more efficient response to incidents and increase officer safety.

POLICE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Renovations - 5th Floor, Public Safety Bldg.

Centre No: 5605010701
 Program/Service: Physical Asset Stewardship/
 Departmental Physical Asset Management

Capital Priority Rating: Priority Points 3 - 1
 Plan Winnipeg Indicator: Regional Services and Facilities
 Provide High Quality Maintenance
 (5C -55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								500	500	500
Funded by:										
City								500	500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								178	322	500
Funded by:										
City								178	322	500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Renovate the Police Administrative Offices in the Public Safety Building.

EMERGENCY RESPONSE SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Fire Station Rationalization - Combining Stations

Centre No: 57yy0107xx

Program/Service: Public Safety

Emergency Response - Fire & Rescue

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Emergency Services (5C-51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			390	1,000					1,390	1,390
Funded by:										
City			390	1,000					1,390	1,390

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				390	750	250				1,390
Funded by:										
City				390	750	250				1,390

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			14
Surplus/(Deficit) in Current Budget	0	0	(14)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A new station is required in the Transcona/St. Boniface industrial area. It is projected to replace two older existing stations that are no longer economically viable. It is anticipated that combining these older stations will result in annual savings in salaries and benefits of approximately \$1,000,000 per year after completion.

EMERGENCY RESPONSE SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Fire/Ambulance Dispatch Centre Integration

Centre No: 57yy0107xx

Program/Service: Public Safety

Emergency Response - Fire & Rescue

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Emergency Services (5C-51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			750						750	750
Funded by:										
City			750						750	750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			750							750
Funded by:										
City			750							750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		26	75
Surplus/(Deficit) in Current Budget	0	(26)	(75)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The merger of fire and ambulance services into the new Emergency Response Services department requires integration of communications and information technology systems. This funding will be used to integrate the Fire and Ambulance Communications Centres and to modify all affected information technology systems.

EMERGENCY RESPONSE SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Replacement of Fire Station No. 12

Centre No: 57yy0107xx

Program/Service: Public Safety

Emergency Response - Fire & Rescue

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Emergency Services (SC-51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,579	1,579	1,579
Funded by:										
City								1,579	1,579	1,579

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,579		1,579
Funded by:										
City								1,579		1,579

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The replacement of the fire station is required for two reasons:

1. The current location is not serving the expansion of the Tuxedo area adequately, nor is response to the west adequate to provide support to the Charleswood area for the future organizational plan (closing of #19 fire station at Whytewold and Lodge in 2003).
2. The current structure no longer meets the functional requirement of housing the staff and apparatus. The cost of upgrading this site is prohibitive and still fails to enhance the response requirements.

The general location identified as being suitable is in the Grant/Kenaston area. All inclusive costs are estimated to be \$189,000 for land and \$1,390,000 for station construction.

There will be an annual operational budget saving of approximately \$2,000 in electricity costs.

EMERGENCY RESPONSE SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Fire Protection Upgrade for 3 Storey Fire Stations

Centre No: 57yy0107xx

Program/Service: Public Safety

Emergency Response - Fire & Rescue

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Emergency Services (5C-51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						263			263	263
Funded by:										
City						263			263	263

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						263				263
Funded by:										
City						263				263

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The upgrade will provide sprinkler system and life safety systems for the existing 3-storey fire stations. There are two locations that are a priority (#3 at Goulet and Des Meurons, and #15 at Cottonwood and Autumnwood). These are 3-storey structures with a greater risk potential. #15 fire station has no second egress and the flame-spread potential is considered to be the first priority.

EMERGENCY RESPONSE SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Fire Station No. 2 Structural Repair

Centre No: 57yy0107xx

Program/Service: Public Safety

Emergency Response - Fire & Rescue

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Emergency Services (5C-51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			250						250	250
Funded by:										
City			250						250	250

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			250							250
Funded by:										
City			250							250

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		9	25
Surplus/(Deficit) in Current Budget	0	(9)	(25)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This station has extensive structural problems caused largely by land drainage of the neighbouring park. The sewer and basement have shifted as a result of the soil conditions, and this has caused the sewer to back up into the basement on four occasions in 1996 alone. Additionally, water has infiltrated the basement area on at least six occasions in 1996 through the walls. Repairs to the structure and sewer must be coupled with some drainage modification to the adjacent park area.

EMERGENCY RESPONSE SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Watermain Extension for Fire Fighting Training

Centre No: 57yy0207xx

Program/Service: Public Safety

Emergency Response - Fire & Rescue

Capital Priority Rating: Priority Points 3 - 5

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Emergency Services (5C-51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						399			399	399
Funded by:										
City						399			399	399

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						399				399
Funded by:										
City						399				399

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The water supply requirement for fire apparatus is a 10" watermain. This size of main is necessary for proper training simulations and evaluation of fire apparatus. The main must be extended from the east side of McPhillips for a distance of 690 metres.

EMERGENCY RESPONSE SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Fire Information Network

Centre No: 57yy0407xx

Program/Service: Public Safety

Emergency Response - Fire & Rescue

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Emergency Services (5C-51)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	164					279			279	279
Funded by:										
City	164					279			279	279

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						279				279
Funded by:										
City						279				279

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Fire Information Network is an automated system that will link all fire stations and branch offices in the Emergency Response Services Department in a data communications network. Fire Service managers will utilize this network to administer operational and administrative information in the Emergency Response Services Department. This system will interface with existing automated systems in the Emergency Response Services Department and is comprised of a Personnel Module, a Training Module, a Field Reporting Module, and a Fire Inspection and Reporting System Module. Project funding is required to complete the work on these modules started in 1998.

EMERGENCY RESPONSE SERVICES DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Burn Building Simulator

Centre No: 57yy0507xx

Program/Service: Public Safety

Emergency Response - Fire & Rescue

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Emergency Services (5C-51)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								441	441	441
Funded by:										
City								441	441	441

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								441		441
Funded by:										
City								441		441

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Burn Building fire and smoke simulation units are required to maximize training opportunities and utilize the facility to its intended potential. These simulators are propane fired and replicate fire ground situations for fire fighters to develop safe and efficient methods of minimizing fire loss. The operational budget will be impacted by a cost of \$10,000 per year for propane.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: General Building Renovation and Refurbishing

Centre No: 63yy0307xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Declaration of Commitment

Ensure Quality Service (1D-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		200	300	209	400	300	300	500	2,009	2,209
Funded by:										
City		200	300	209	400	300	300	500	2,009	2,209

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		200	300	209	400	300	300	500		2,209
Funded by:										
City		200	300	209	400	300	300	500		2,209

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	14	35	50
Surplus/(Deficit) in Current Budget	(14)	(35)	(50)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is an ongoing program to fund small corporate moves and minor interior renovations and other miscellaneous projects for which no other separate financing is available. Fundamental to productivity gain: for corporate renovations, moves etc. which facilitates client changes/activities.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Civic Buildings, Barrier Free Access

Centre No: 63yy0307xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating:

Plan Winnipeg Indicator:

Priority Points 3 - 2+2

Demographic Changes

Ensure Accessibility for Disabled

Citizens (4A-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		104	106	206	206		104		622	726
Funded by:										
City		104	106	206	206		104		622	726

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		104	106	206	206		104			726
Funded by:										
City		104	106	206	206		104			726

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	7	14	28
Surplus/(Deficit) in Current Budget	(7)	(14)	(28)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

To improve accessibility by disabled persons to existing City-owned buildings and in so doing meet the legislated standards with respect to barrier free access. Work varies between wheelchair ramps and elevators. Legally required: Building Code requirements.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Removal of Asbestos

Centre No: 63yy0307xx

Program/Service: Physical Asset Stewardship -
Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		168		168	168		168		504	672
Funded by:										
City		168		168	168		168		504	672

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		168		168	168		168			672
Funded by:										
City		168		168	168		168			672

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges				12	12	24
Surplus/(Deficit) in Current Budget				(12)	(12)	(24)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Removal of asbestos in civic buildings: This is a regulatory requirement during renovations. It is a legislated ruling on the removal of hazardous material from existing facilities. An inventory of asbestos within City buildings has been completed with work prioritized to undertake work when other building renovations are planned or due to some other physical disturbance of asbestos covered building components.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Administration Building Alterations

Centre No: 63yy0307xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						200	200		400	400
Funded by:										
City						200	200		400	400

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						200	200			400
Funded by:										
City						200	200			400

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

These budgeted funds are for the renovation of the second floor meeting rooms at 510 Main Street in order to improve their functionality.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: 510 Main Street - Elevator Controls

Centre No: 63yy0307xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 2+2

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					390				390	390
Funded by:										
City					390				390	390

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					390					390
Funded by:										
City					390					390

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The original controls for the three elevators in 510 Main Street are at the end of their anticipated life and require replacement. This will also provide for faster handicapped operable elevators. Essential: Original equipment requires upgrading.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Council Building Redevelopment

Centre No: 63yy0307xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 3+2

Plan Winnipeg Indicator: Downtown

Consolidate Civic Function (5B-04)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		100		500					500	600
Funded by:										
City		100		500					500	600

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		50	50	500						600
Funded by:										
City		50	50	500						600

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	4	8	48
Surplus/(Deficit) in Current Budget	(4)	(8)	(48)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The original intent was to redevelop the Council Building to meet current codes, by-laws and respond to organizational changes by providing office space for councillors, the Mayor and associated support areas which meet Civic space standards. The revised program for the Council Chambers will provide barrier-free access and technology improvements. Legally required/essential: code requirements. The first year of this program will provide completed engineering and design, and some smaller scale remedies for barrier-free access.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Fire Safety Upgrading - Various Locations

Centre No: 64yy0307xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					100	400			500	500
Funded by:										
City					100	400			500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					100	400				500
Funded by:										
City					100	400				500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The present fire safety controls in buildings are aging and require upgrading to current standards. Legally required/essential: code and life safety requirements.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Central Yard Relocation

Centre No: 63yy0307xx
Program/Service: Physical Asset Stewardship -
Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 4+2
Plan Winnipeg Indicator: Declaration of Commitment
Ensure Quality Service (1D-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	13,473					1,382	1,600	500	3,482	3,482
Funded by:										
City						1,382	1,600	500	3,482	3,482

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						1,382	1,600	500		3,482
Funded by:										
City						1,382	1,600	500		3,482

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project was initiated as a result of locating the Federal Virology Laboratory on the former Central Yard site at Logan and Tecumseh. Arising out of undertakings associated with this Agreement to relocate certain civic facilities, the New Directions initiative, and the more recent Public Works Department reorganization, it is proposed to defer additional budget appropriations for these Projects in order to provide the Standing Policy Committee on Public Works sufficient time for review.

Essential/fundamental to productivity gain: improved operations for occupants.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: 251 Donald - Complete Roof Replacement

Centre No: 63yy0307xx

Program/Service: Physical Asset Stewardship -
Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			235						235	235
Funded by:										
City			235						235	235

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			35	200						235
Funded by:										
City			35	200						235

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	0	2	16
Surplus/(Deficit) in Current Budget	0	(2)	(16)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

It is anticipated the Centennial Library roof will require replacement no later than 2000. One half of the total cost has already been budgeted for in 1992 with the current allocation sufficient to complete the project. While the roof is currently approaching disrepair, the potential for the redevelopment Millennium Library Proposal, which would see the rehabilitation of the entire building including the roof, will necessitate deferring this work another year.

The budget for the project has increased \$28,000 from \$207,000 to \$235,000 with an offsetting decrease to the Public Works Yard Relocation.

Essentials: Structural Repairs.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Public Safety Building Exterior Cladding

Centre No: 63yy1007xx

Capital Priority Rating: Priority Points 3 - 3

Program/Service: Physical Asset Stewardship -

Plan Winnipeg Indicator: Regional Services and Facilities

Physical Asset - Design and Construction

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					550	3,000	1,500	1,000	6,050	6,050
Funded by:										
City					550	3,000	1,500	1,000	6,050	6,050

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					550	3,000	1,500	1,000		6,050
Funded by:										
City					550	3,000	1,500	1,000		6,050

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Existing limestone cladding is deteriorating to the extent that a major structural repair is required. The project has been staged such that an amount of \$1.5 million is required in 2004.

Essential: Structural repairs.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Concourse Upgrading

Centre No: 63yy1007xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 2+2

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				300					300	300
Funded by:										
City				300					300	300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				300						300
Funded by:										
City				300						300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			21
Surplus/(Deficit) in Current Budget	0	0	(21)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Concourse, constructed in 1979, requires refurbishing and repair of seepage problems. The intent is to update this pedestrian corridor to match the modernization already completed at the four corners by the Banks.

Standard: Highly visible infrastructure.

Reduction of Capital Budget from \$750,000 to \$300,000 will require a project scope reduction, with the focus on the building deficiencies rather than aesthetic enhancements.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Computer Automation

Centre No: 64yy0807xx

Program/Service: Information Stewardship -
Department Information Technology

Capital Priority Rating: Priority Points 3 - 3
Plan Winnipeg Indicator: Declaration of Commitments
Foster Excellence (1D-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	257		100					200	300	300
Funded by:										
City			100					200	300	300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			100					200		300
Funded by:										
City			100					200		300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		7	7
Surplus/(Deficit) in Current Budget	0	(7)	(7)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Computer systems related to the Civic Accommodations will require upgrading on a four to five year cycle.

Consistent with the recommendations of the Strategic Facilities Master Plan this project would bring together building accommodation information in a graphical environment. These integrated systems will improve accommodation reporting systems and better support the full cost facility accounting processes.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Cooling Plant Refurbishing

Centre No: 64yy2507xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 4+2

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					300	850			1,150	1,150
Funded by:										
City					300	850			1,150	1,150

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					300	850				1,150
Funded by:										
City					300	850				1,150

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

On-going requirement for the refurbishing of existing cooling plants to meet regulations for the elimination of ozone depleting substances. Legislation requiring the elimination of hazardous materials (CFC refrigerant) comes into effect in 2000. The bulk of the work will be done at 510 Main, 151 Princess, and 251 Donald.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Energy Conservation

Centre No: 64yy2507xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Energy Conservation

Encourage Energy Efficient Design (3G-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		206					225	200	425	631
Funded by:										
City		206					225	200	425	631

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		201					225	200		631
Funded by:										
City		206					225	200		631

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	14	14	14
Surplus/(Deficit) in Current Budget	(14)	(14)	(14)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is part of continuing initiative to reduce energy consumption. The primary focus is on the replacement of existing inefficient lighting systems in office buildings.

Essential: optimizes operational savings.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Restoration of Historic Gates

Centre No: 641yy2507xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating:

Priority Points 1 - 3+1

Plan Winnipeg Indicator:

Heritage Assets

Preserve and Promote Heritage
Resources (6C-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					154				154	154
Funded by:										
City					154				154	154

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					154					154
Funded by:										
City					154					154

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges						
Surplus/(Deficit) in Current Budget				0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Restoration of historic gates located at the entry points to various neighbourhoods.

Standard: Sensitive/visible, commitment to community development.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Civic Centre Carpark Tunnel

Centre No: 64yy2507xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					1,092				1,092	1,092
Funded by:										
City					1,092				1,092	1,092

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					1,092					1,092
Funded by:										
City					1,092					1,092

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Structural repairs, waterproofing and restoration to the underground tunnel between the Car Park and the Civic Centre.
Essential: Structural Repairs.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Tenant Improvement Prepayment, Major Department

Centre No: 64yy2507xx

Program/Service: Physical Asset Stewardship -
Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Heritage Assets
Pursue Civic Use of Heritage Buildings
(6C-09)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		925						600	600	1,525
Funded by:										
City		925						600	600	1,525

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		925						600		1,525
Funded by:										
City		925						600		1,525

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	65	65	65
Surplus/(Deficit) in Current Budget	(65)	(65)	(65)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Funds set aside for replacement of depreciated tenant improvements. This account has been increased, by deferring the Centre Yard Relocation Project, in order to fund some of the changes arising out of the Cuff Organizational review.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Historic Building Stabilization

Centre No: 64yy2507xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 3 - 2

Plan Winnipeg Indicator: Downtown

Consolidate Civic Functions (5B-04)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			200	300		500		500	1,500	1,500
Funded by:										
City			200	300		500		500	1,500	1,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			200	300		500		500		1,500
Funded by:										
City			200	300		500		500		1,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		14	35
Surplus/(Deficit) in Current Budget	0	(14)	(35)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The substantial inventory of unoccupied historic buildings not slated for disposal, are steadily deteriorating. This account will provide for structural planning and remediation of further deterioration.

Essential: Structural repairs.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Weather Protected Pedestrian System

Centre No: 64yy0307xx

Program/Service: Physical Asset Stewardship -
Provision - Real Property Facilitation,
Coordination & Consultation

Capital Priority Rating: Priority Points 1 - 3

Plan Winnipeg Indicator: Downtown
Facilitate Movement Within the
Downtown (5B-07)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						250	250		500	500
Funded by:										
City						250	250		500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						250	250			500
Funded by:										
City						250	250			500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges						
Surplus/(Deficit) in Current Budget				0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

City share of capital costs of new connections to complete the system of the right-of-way designated by Council (by resolution, October, 1977) from The Bay to Portage and Main Concourse to the Civic Centre.

Specific costs and dates of expenditures to be established by negotiation of agreements to be approved by Council.

Note: The streetscaping work that will be undertaken based on this authorization, will, in all likelihood generate additional annual maintenance costs for cleaning and snow removal. As insufficient data is available respecting the detailed design of specific projects, it is not possible to estimate the magnitude of these costs at the time of capital authorization. The Public Works Department is responsible for maintenance.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Streetscaping - St. Mary's/St. Anne's

Centre No: 66yy0207xx

Program/Service: Physical Asset Stewardship -
Provision - Real Property Facilitation,
Coordination & Consultation

Capital Priority Rating: Priority Points 1 - 3

Plan Winnipeg Indicator: Urban Beautification
Ensure Design Quality in Public Works
(6B-07)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		700	300						300	1,000
Funded by:										
City		700	300						300	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		700	300							1,000
Funded by:										
City		700	300							1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	49	70	70
Surplus (Deficit) in Current Budget	(49)	(70)	(70)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The continuation of aesthetic and pedestrian improvements to St. Mary's/St. Anne's Roads from Fermor Avenue at St. Anne's Road and Carriere Avenue at St. Mary's Road. Improvements to include visual enhancements such as moving the overhead Hydro services decorative street furniture and fixtures, plant material and related improvements. Excludes cost of work normally assumed by Public Works Department including curb replacement and street paving. The construction will be coordinated with the timing of the Pan Am Games.

Note: The streetscaping work that will be undertaken based on this authorization, will, in all likelihood generate additional annual maintenance costs for cleaning and snow removal. As insufficient data is available respecting the detailed design of specific projects, it is not possible to estimate the magnitude of these costs at the time of capital authorization. The Public Works Department is responsible for maintenance.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Streetscaping

Centre No: 66yy0207xx

Program/Service: Physical Asset Stewardship -
Provision - Real Property Facilitation,
Coordination & Consultation

Capital Priority Rating: Priority Points 1 - 3

Plan Winnipeg Indicator: Character Enhancement
Support Character Areas (6A-03)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	6,174	500	250	250	250	400	500	500	2,150	2,650
Funded by:										
City		500	250	250	250	400	500	500	2,150	2,650

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		500	250	250	250	400	500	500		2,650
Funded by:										
City		500	250	250	250	400	500	500		2,650

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	35	53	71
Surplus/(Deficit) in Current Budget	(35)	(53)	(71)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replacement of selected streets and sidewalks within the Exchange District including the provision of ornamental paving stones on a lean-mix concrete base, decorative lighting, tree grates and guards, fences, benches and the removal of overhead wiring. Excludes cost of work normally assumed by the Public Works Department.

Note: The streetscaping work that will be undertaken based on this authorization, will, in all likelihood generate additional annual maintenance costs for cleaning and snow removal. As insufficient data is available respecting the detailed design of specific projects, it is not possible to estimate the magnitude of these costs at the time of capital authorization. The Public Works Department is responsible for maintenance.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Riverbank Stabilization for City-Owned Riverbanks

Centre No: 66yy0407xx

Program/Service: Property Stewardship -
Riverbank Management

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Waterways Initiatives
Protect Riverbank Aesthetics (3E - 05)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	150	200	300	200	200	200	200		1,100	1,300
Funded by:										
City		200	300	200	200	200	200		1,100	1,300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		200	300	200	200	200	200			1,300
Funded by:										
City		200	300	200	200	200	200			1,300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	14	35	49
Surplus/(Deficit) in Current Budget	(14)	(35)	(49)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

In concert with the establishment of a Riverbank Stabilization Program for City-owned Riverbanks, the initial phase of the program in 1998 provided funds for the implementation of a detailed geotechnical inventory study to characterize, assess, and monitor riverbank stability of all City-owned lands. This will serve as a comprehensive database for purposes of establishing priorities and cost estimates for riverbank stabilization.

Subsequent phases of this program include the implementation of riverbank stabilization works on a priority basis. Stabilization of selective reaches of City-owned river and creek banks (64 miles) will provide protection of public amenities such as parks and trees and valuable public works such as roads, buried services, primary dykes, facilities and structures. This is an ongoing program in which the overall implementation cost is estimated at \$85 to \$100 million.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Land Acquisition - Riverbank

Centre No: 54yy3507xx

Program/Service: Property Stewardship -
Riverbank Management

Capital Priority Rating: Priority Points 1 - 4

Plan Winnipeg Indicator: Urban Beautification

Promote Use of Riverbanks (6B-10)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			300						300	300
Funded by:										
City			300						300	300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			300							300
Funded by:										
City			300							300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		21	21
Surplus/(Deficit) in Current Budget	0	(21)	(21)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This program is required to accommodate Riverbank access/pathway systems in six key areas:

- North Winnipeg
- Churchill Drive
- Kildonan
- St. Boniface
- Fort Rouge
- Assiniboine

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Riverbank Greenways Program

Centre No: 66yy0407xx

Program/Service: Physical Asset Stewardship -
Provision - Real Property Facilitation,
Coordination & Consultation

Capital Priority Rating: Priority Points 1 - 2

Plan Winnipeg Indicator: Waterways Initiatives
Protect Riverbank Aesthetics (3E-05)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	659	150	100			440	460	350	1,350	1,500
Funded by:										
City		150	100			440	460	350	1,350	1,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		150	100			440	460	350		1,500
Funded by:										
City		150	100			440	460	350		1,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	11	18	18
Surplus/(Deficit) in Current Budget	(11)	(18)	(18)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Development of the City's Red and Assiniboine riverbanks for the purpose of providing a foundation for the establishment of landscaped bicycle/pedestrian pathways along the river corridors. The annual additional funding to the riverbank greenway/pathway account will provide funds for implementation according to the prioritized river segments adopted by Council as opportunities present themselves and as needs dictate.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: MWCRP - Point Douglas

Centre No: 60yy1607xx

Program/Service: Community Development

Neighbourhood Improvement Support

Capital Priority Rating: Priority Points 2 - 4

Plan Winnipeg Indicator: Local Area Planning

Support Existing Neighbourhoods (5A-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	1,500	750	750	750	750				2,250	3,000
Funded by:										
City		375	375	375	375				1,125	1,500
Prov. UCPA III		375	375	375	375				1,125	1,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		300	500	950	950	300				3,000
Funded by:										
City		150	250	475	475	150				1,500
Prov. UCPA III		150	250	475	475	150				1,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	11	29	62
Surplus/(Deficit) in Current Budget	(11)	(29)	(62)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is a program of Community Revitalization for the Point Douglas Community.

This Program will be cost-shared on a 50-50 basis with Manitoba Urban Affairs. The Manitoba/Winnipeg Community Revitalization program (M/WCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: MWCRP - West End

Centre No: 60yy1707xx

Program/Service: Community Development

Neighbourhood Improvement Support

Capital Priority Rating: Priority Points 2 - 4

Plan Winnipeg Indicator: Local Area Planning

Support Existing Neighbourhoods (5A-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	750	750	750	750	1,000				2,500	3,250
Funded by:										
City		375	375	375	500				1,250	1,625
Prov. UCPA III		375	375	375	500				1,250	1,625

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		750	750	750	1,000					3,250
Funded by:										
City		375	375	375	500					1,625
Prov. UCPA III		375	375	375	500					1,625

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	26	52	78
Surplus/(Deficit) in Current Budget	(26)	(52)	(78)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is a program of Community Revitalization for the West End Community.

This program will be cost-shared on a 50-50 basis with Manitoba Urban Affairs. The Manitoba/Winnipeg Community Revitalization Program (MWCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: MWCRP - St. Boniface Centre

Centre No: 60yy1807xx

Program/Service: Community Development

Neighbourhood Improvement Support

Capital Priority Rating: Priority Points 2 - 4

Plan Winnipeg Indicator: Local Area Planning
Support Existing Neighbourhoods (5A-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			750	750	750	750			3,000	3,000
Funded by:										
City			375	375	375	375			1,500	1,500
Prov. UCPA III			375	375	375				1,125	1,125
Prov. UCPA IV						375			375	375

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			750	750	750	750				3,000
Funded by:										
City			375	375	375	375				1,500
Prov. UCPA III			375	375	375					1,125
Prov. UCPA IV						375				375

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges					26	52
Surplus/(Deficit) in Current Budget				0	(26)	(52)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is a program of Community Revitalization for the St. Boniface Community.

This program will be cost-shared on a 50-50 basis with Manitoba Urban Affairs. The Manitoba/Winnipeg Community Revitalization Program (MWCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: MWCRP - Wolseley

Centre No: 60yy1807xx
Program/Service: Community Development
Neighbourhood Improvement Support

Capital Priority Rating: Priority Points 2 - 4
Plan Winnipeg Indicator: Local Area Planning
Support Existing Neighbourhoods (5A-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					1,000	1,000	1,000		3,000	3,000
Funded by:										
City					500	500	500		1,500	1,500
Prov. UCPA III					500				500	500
Prov. UCPA IV						500	500		1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					1,000	1,000	1,000			3,000
Funded by:										
City					500	500	500			1,500
Prov. UCPA III					500					500
Prov. UCPA IV						500	500			1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus (Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is a program of Community Revitalization for the Wolseley Community.

This program will be cost-shared on a 50-50 basis with Manitoba Urban Affairs. The Manitoba/Winnipeg Community Revitalization Program (MWCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: MWCRP - Burrows Central

Centre No: 60yy1907xx

Program/Service: Community Development

Neighbourhood Improvement Support

Capital Priority Rating: Priority Points 2 - 4

Plan Winnipeg Indicator: Local Area Planning

Support Existing Neighbourhoods (5A-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						1,000	1,000	1,000	3,000	3,000
Funded by:										
City						500	500	500	1,500	1,500
Prov. UCPA IV						500	500	500	1,500	1,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						1,000	1,000	1,000		3,000
Funded by:										
City						500	500	500		1,500
Prov. UCPA IV						500	500	500		1,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is a program of Community Revitalization for the Burrows Community.

This program will be cost-shared on a 50-50 basis with Manitoba Urban Affairs. The Manitoba/Winnipeg Community Revitalization Program (MWCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: MWCRP - Luxton

Centre No: 60yy1907xx

Program/Service: Community Development

Neighbourhood Improvement Support

Capital Priority Rating: Priority Points 2 - 4

Plan Winnipeg Indicator: Local Area Planning

Support Existing Neighbourhoods (5A-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							1,000	1,000	2,000	2,000
Funded by:										
City							500	500	1,000	1,000
Prov. UCPA IV							500	500	1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							1,000	1,000		2,000
Funded by:										
City							500	500		1,000
Prov. UCPA IV							500	500		1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is a program of Community Revitalization for the Luxton Community.

This program will be cost-shared on a 50-50 basis with Manitoba Urban Affairs. The Manitoba/Winnipeg Community Revitalization Program (MWCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: MWCRP - Neighbourhood to be named

Centre No: 60yy1207xx

Program/Service: Community Development

Neighbourhood Improvement Support

Capital Priority Rating: Priority Points 2 - 4

Plan Winnipeg Indicator: Local Area Planning

Support Existing Neighbourhoods (5A-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,000	1,000	1,000
Funded by:										
City								500	500	500
Prov. UCPA IV								500	500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,000		1,000
Funded by:										
City								500		500
Prov. UCPA IV								500		500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is a program of Community Revitalization for a neighbourhood yet to be named.

This program will be cost-shared on a 50-50 basis with Manitoba Urban Affairs. The Manitoba/Winnipeg Community Revitalization Program (MWCRP) is designed to meet Plan Winnipeg's objectives by facilitating the capital improvement of the social, physical and environmental conditions in older, deteriorating, but potentially stable and predominantly residential neighbourhoods.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Winnipeg Development Agreement

Centre No: 03-65yyxxxx

Program/Service: Community Development
Consultation & Facilitation

Capital Priority Rating: Priority Points 2 - 2

Plan Winnipeg Indicator: Local Area Planning
Redevelopment Programs (5A-06)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	15,552	3,342	3,548	2,558					6,106	9,448
Funded by:										
City		3,342	3,548	2,558					6,106	9,448

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		3,342	3,548	2,558						9,448
Funded by:										
City		3,342	3,548	2,558						9,448

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	234	492	671
Surplus/(Deficit) in Current Budget	(234)	(492)	(671)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Winnipeg Development Agreement is an intergovernmental agreement among the Federal, Provincial and City governments. Each of the three level has allocated \$25 million from 1995 to 2001 (total \$75 M) to increase economic development and employment opportunities in the City.

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Canada Packers Building Demolition

Centre No: 64yy2507xx

Program/Service: Physical Asset Stewardship -

Physical Asset - Design and Construction

Capital Priority Rating: Priority Points 1 - 2

Plan Winnipeg Indicator: Regional Services and Facilities

Ensure Safety of Vacant Sites (5C-57)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			1,500						1,500	1,500
Funded by:										
City			1,500						1,500	1,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			1,500							1,500
Funded by:										
City			1,500							1,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges					105	210
Surplus/(Deficit) in Current Budget				0	(105)	(210)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This program is required to demolish the Canada Packers facility at the Public Market site. There are numerous safety considerations which will be addressed by the removal of these structures. The budget has been reduced to \$1,500,000 to coincide with a development proposal the City is currently negotiating.

On April 28, 1999, Council directed that "The City's overall contribution to the demolition be \$1,500,000 00, said monies to be a first charge against the 2000 Capital Budget."

PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Parks Development - Developer Payback

Centre No: 54yy7008xx

Program/Service: Physical Asset Stewardship -
Parks and Open Space Planning

Capital Priority Rating: Priority Points 1 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Establish New Neighbourhood Parks
(5C-43)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	355	232			200				200	432
Funded by:										
City		232			200				200	432

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		232			200					432
Funded by:										
City		232			200					432

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	16	16	16
Surplus/(Deficit) in Current Budget	(16)	(16)	(16)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Developer reimbursement due when contiguous residential lots reach 80% occupancy.

Allocated to:

	1999	2000	2001	2002	2003	2004	Total
Developer Payback Program	232			200			432

CORPORATE FINANCE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Financial Management System

Centre No: 64yy0807xx

Program/Service: Financial Stewardship

Capital Priority Rating: Priority Points 1 - 4

Plan Winnipeg Indicator: Declaration of Commitment

Manage Financial Resources Effectively
(1D-03)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	7,450		2,000	1,416	3,645	2,500	1,500	2,500	13,561	13,561
Funded by:										
City	1,750		2,000	1,416	3,645	2,500	1,500	2,500	13,561	13,561
Prior Borrowing Authority	5,700								0	0

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			2,000	1,416	3,645	2,500	1,500	2,500		13,561
Funded by:										
City			2,000	1,416	3,645	2,500	1,500	2,500		13,561

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges				300	492	987
Surplus/(Deficit) in Current Budget				(300)	(492)	(987)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The FMS is a multiphase project that utilizes new technology, supports the Controllershship function, decentralizes various components of the procurement cycle, provides decentralized management reports, and includes the development/implementation of appropriate computer hardware/software, financial policies/procedures/methods and associated training. The project is currently being considered for an expansion of its scope to become an Enterprise Resource Planning System which is a fully integrated suite of products and includes applications such as financial accounting, budget preparation, reporting and analysis, human resources/payroll, materials management and work management. Although preliminary costs and potential benefits have been identified, it is not possible at this time to estimate the full operating impact. The costs associated with the acquisition and ongoing maintenance and support (estimated at 18-20% of software costs) are all dependent on the strategic direction chosen. Once these decisions have been made more detailed costing information can be presented. The debt and finance charges reflect a 10 year amortization period with an interest rate of 6%.

CITY CLERKS DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Office Automation

Centre No: 64yy0807xx

Program/Service: Good Government

Governance Support Program

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Community Services and Facilities
Provide Wide Range of Services and
Facilities (4C-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		100	100	100				200	400	500
Funded by:										
City		100	100	100				200	400	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		100	100	100				200		500
Funded by:										
City		100	100	100				200		500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Hardware and software upgrades to accomplish Year 2000 compliance, and to store information in modes that are easier to access by the department.

CITY CLERKS DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Electronic Records Management for the Enterprise (Corporation)

Centre No: 64yy0807xx

Program/Service: Good Government

Archival Research & Facilitation

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Community Services and Facilities
Provide Wide Range of Services and
Facilities (4C-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				400	150	110			660	660
Funded by:										
City				400	150	110			660	660

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				400	150	110				660
Funded by:										
City				400	150	110				660

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Archives area will provide for the electronic storage and access to records for all departments willing to provide information in electronic format. Currently all records are provided in mediums that cannot be readily accessed via computers.

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: Communications Network Infrastructure

Centre No: 67yy0107xx

Program/Service: Information Stewardship
Information Technology Operations
Infrastructure Provision

Capital Priority Rating: Priority Points 2 - 4

Plan Winnipeg Indicator: Cross-Functional Cooperation
Ensure Cross-Functional Cooperation
(7C-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	4,100	1,356	841	416	698	602	723	611	3,891	5,247
Funded by:										
City	4,100	1,356	841	416	698	602	723	611	3,891	5,247

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		1,356	841	416	698	602	723	611		5,247
Funded by:										
City		1,356	841	416	698	602	723	611		5,247

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures	30	30	30
Increase in Debt and finance charges	29	225	339
Surplus/(Deficit) in Current Budget	(59)	(255)	(369)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This entails the implementation and enhancement of the backbone network infrastructure which connects the decentralized computers in Civic Departments. This is a high speed infrastructure to enable the sharing and distribution of corporate information across departments with more management, control, flexibility and ease of use at the department level. Information could be processed and stored on lower cost computers in or for departments and made accessible city-wide through the network infrastructure. The infrastructure would extend the availability of applications such as E-mail and Internet to all departments. This project was formerly called "Computer Upgrade Purchases - Communications Infrastructure and CPU Replacement".

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: Network Computing Initiatives

Centre No: 67yy0107xx

Program/Service: Information Stewardship
Information Technology Operations
Infrastructure Provision

Capital Priority Rating: Priority Points 2 - 4

Plan Winnipeg Indicator: Declaration of Commitment
Ensure Quality Service (1D-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	8,356	143	248	166	151	251	251	199	1,266	1,409
Funded by:										
City	8,355	143	248	166	151	251	251	199	1,266	1,409

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		143	248	166	151	251	251	199		1,409
Funded by:										
City		143	248	166	151	251	251	199		1,409

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures	90	90	90
Increase in Debt and finance charges	9	68	109
Surplus/(Deficit) in Current Budget	(99)	(158)	(199)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Emerging Client/Server, Internet/Intranet Servers and other similar network based computing technologies are required to implement both corporate and departmental initiatives in support of shared quality customer information services. Funding to establish and maintain adequate computing and storage capacity in a secured operational infrastructure will allow for continued delivery and support of information systems. Examples of shared computing initiatives include City Office, networked E-mail and the shared departmental Call Centre. This project was formerly called "Computer Upgrade Purchases - Downsizing/Reorganization Initiatives".

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: Land Based Information System

Centre No: 67yy0207xx

Program/Service: Information Stewardship
Information Systems Provision

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Cross-Functional Cooperation
Ensure Cross-Functional Cooperation
(7C-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	14,799	1,000	1,380	400					1,780	2,780
Funded by:										
City	14,799	1,000	1,380	400					1,780	2,780

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		1,000	1,380	400						2,780
Funded by:										
City		1,000	1,380	400						2,780

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures	90	90	90
Increase in Debt and finance charges	48	359	445
Surplus/(Deficit) in Current Budget	(138)	(449)	(535)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Estimated costs to implement a Land Based Information System. These costs are based on a detailed user needs study and include: database conversion, hardware and software purchase and replacement, consulting, training and outside application development services. When completed, the LBIS will provide departments with a set of tools to better access, manipulate, share and display geographical-referenced information. This system will eliminate the need for manually produced paper maps and link the maps to electronic databases (such as assessment, customers, pavement conditions). This information and analysis capability can assist the city in evaluating the impacts of new developments and managing its infrastructure. See also related projects in Waterworks System and Sewage Disposal System budgets.

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: Corporate Information Systems Development

Centre No: 67yy0207xx

Program/Service: Information Stewardship
Information Systems Provision

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Declaration of Commitment
Ensure Quality Service (1D-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					500	2,413	2,583	1,680	7,176	7,176
Funded by:										
City					500	2,413	2,583	1,680	7,176	7,176

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					500	2,413	2,583	1,680		7,176
Funded by:										
City					500	2,413	2,583	1,680		7,176

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A corporate system may be characterized by its involvement with and impact on all parts of the organization. This budget will be used to support the development of corporate systems within five key themes which encompass all functions related to the management of corporate municipal assets: Land Based Information Systems, Financial Information Systems, Corporate Administrative Information Systems, Public Access Information Systems, and Information Resource Management.

Land Based Systems includes information systems to manage all assets related to real property and infrastructure. Financial systems include all the activities related to managing the City's financial assets. Public Access Systems include facilitating customer service to all individuals or groups of people who have an interest in the City. Administrative Systems includes management of the municipal organization, and support functions such as personnel management and administration. Information Resource Management includes developing an environment whereby accurate and consistent data is made available and shared across the entire organization.

The budget replaces and combines previous capital budgets for the year 2002 defined as Land Based Information Systems and Human Resources Information Systems.

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: Desktop Standardization

Centre No: 67yy0207xx

Program/Service: Information Stewardship
Information Systems Provision

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Cross-Functional Cooperation
Ensure Cross-Functional Cooperation
(7C-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		2,430	1,486	500					1,986	4,416
Funded by:										
City		2,430	1,486	500					1,986	4,416

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		2,430	1,486	500						4,416
Funded by:										
City		2,430	1,486	500						4,416

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	52	389	497
Surplus/(Deficit) in Current Budget	(52)	(389)	(497)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This initiative involves setting the appropriate standards for Software Products at the Desktop (PC's) which includes operating systems, word processing, spreadsheets, graphical presentations and electronic mail software. It also involves the acquisition, installation, conversion and training required to implement those products on ALL desktops (PC's) city-wide.

Benefits of this is a lower cost to the City for desktop products. These lower costs are based on an anticipated corporate purchase, maintenance and potentially support of only one product. Other benefits include higher productivity due to better interconnectivity between desktop products, easier exchange of information both internally and externally, and mobility of trained staff within the organization. In addition, this acquisition will also support the need to upgrade desktop products for the year 2000, and enable the organization to implement new corporate software (such as client/server based Financial Management System).

CORPORATE SERVICES - GENERAL CAPITAL FUND

Project Name: Enterprise Resource Planning System

Centre No: 67yy0307xx

Program/Service: Information Stewardship

Information Systems Provision

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Declaration of Commitment

Ensure Quality Service (1D-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			1,261	2,336		500			4,097	4,097
Funded by:										
City			1,261	2,336		500			4,097	4,097

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			1,261	2,336		500				4,097
Funded by:										
City			1,261	2,336		500				4,097

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges				44	397	899
Surplus/(Deficit) in Current Budget				(44)	(397)	(899)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Enterprise Resource Planning System (ERP) is the new name for the integrated system that replaces the Financial Management System (FMS) and the HRIS System. Please see Financial Management System project description. This capital budget is Corporate Service's contribution to this Enterprise Resource Planning System (ERP) initiative. This initiative replaces the previous Corporate Service's capital budget that was set up for the Human Resource Information System (HRIS). The Human Resources component of an ERP system is completely integrated with all other components of the system such as Work Management, General Ledger, Accounts Payable, Budgetary Control, Inventory, etc. Today's ERP systems are the "One Stop Shop" for organizations' core business systems needs.

PROPERTY ASSESSMENT DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Assessment Automation

Centre No: 64yy2307xx
Program/Service: Good Government

Capital Priority Rating: Priority Points 3 - 3
Plan Winnipeg Indicator: Financial Management
Endorse a Balanced Revenue Structure
(2B-04)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	9,723	1,000		500	500				1,000	2,000
Funded by:										
City		1,000		500	500				1,000	2,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				600	400	500	500			2,000
Funded by:										
City				600	400	500	500			2,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)			
	1999	2000	2001
Revenue Increase/(Decrease)			12
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			74
Surplus/(Deficit) in Current Budget	0	0	(62)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

In the 1998 Capital Budget \$1.0 million was requested and approved for the continuation of the Property Assessment Department's Automation Project, with another \$1.0 million projected for 1999. This will provide funding for the implementation of critical data capture and GIS (Geographic Information Systems) components for the automation of the Assessment system.

A quality Computer Assisted Mass Appraisal System (CAMA) requires accurate data upon which to perform its core functions of analysis of valuation. This project involves the development of systems to provide for the effective and efficient capture of detailed property attribute data for the entire property inventory. This project also provides for the implementation of dynamic linkages between the CAMA system and a GIS, so that access can be provided to other corporate GIS information through a geographical presentation. As part of the business planning project the department has identified the need to automate the records management system associated with property centric CAMA system. The amounts of \$500 thousand have been included in the 2001 and 2002 capital budgets for this purpose.

NON-DEPARTMENTAL - GENERAL CAPITAL FUND

Project Name: Convention Centre Cladding

Centre No: 64yy2507xx

Program/Service: Good Government

Capital Priority Rating: Priority Points 2 - 2

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			2,600						2,600	2,600
Funded by:										
City			1,300						1,300	1,300
Prov (VLT Rev)			1,300						1,300	1,300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			1,300	1,300						2,600
Funded by:										
City			650	650						1,300
Prov (VLT Rev)			650	650						1,300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges		23	88
Surplus/(Deficit) in Current Budget	0	(23)	(88)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Convention Centre tyndall stone cladding project provides for an exterior air barrier retrofitting, and inspection and repair of the existing stones.

NON-DEPARTMENTAL - GENERAL CAPITAL FUND

Project Name: Special Projects - Unallocated Strategic Projects

Centre No: 64yy2507xx
Program/Service: Economic Development

Capital Priority Rating: Priority Points 1 - 1
Plan Winnipeg Indicator: Character Enhancement
Support Character Areas (6A-03)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							689	1,000	1,689	1,689
Funded by:										
City							689	1,000	1,689	1,689

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							689	1,000		1,689
Funded by:										
City							689	1,000		1,689

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Creation of fund for future development projects, involving the possibility of private or intergovernmental cost sharing.

NON-DEPARTMENTAL - GENERAL CAPITAL FUND

Project Name: Special Projects - Special Innovative Capital

Centre No: 64yy2507xx

Program/Service: Good Government

Capital Priority Rating: Priority Points 1 - 1

Plan Winnipeg Indicator: Declaration of Commitment
Foster Excellence (1D-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	1,050					47	168	1,032	1,247	1,247
Funded by:										
City						47	168	1,032	1,247	1,247

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						47	168	1,032		1,247
Funded by:										
City						47	168	1,032		1,247

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Funding for capital efficiency projects. Projects are issued on an individual basis.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: Bus Radios

Centre No: 53yy0507xx

Program/Service: Transportation-Regular, handi-transit
and chartered and special transit services

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Existing Infrastructure (5C-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		100			1,704	1,667	2,589		5,960	6,060
Funded by:										
City		100			1,704	1,667	2,589		5,960	6,060

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		100			1,000	2,000	2,000	960		6,060
Funded by:										
City		100			1,000	2,000	2,000	960		6,060

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	3		
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	4	10	10
Surplus/(Deficit) in Current Budget	(1)	(10)	(10)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project will replace the aging onboard radio system in 535 buses, as well as the base signalling units. The system will use trunked radio technology and automated vehicle location capability.

The budget for 1999 is to formally define the department's technical requirements and provide recommendation for effect solutions.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: Bus Washer Replacement/Refurbishment

Centre No: 53yy0407xx

Capital Priority Rating: Priority Points 3 - 2

Program/Service: Transportation-Regular, handi-transit and
and chartered and special transit services

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Existing Infrastructure (5C-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			266						266	266
Funded by:										
City			266						266	266

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			266							266
Funded by:										
City			266							266

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		8	
Less: Increase/(Decrease) in Operating Expenditures		(5)	(15)
Increase in Debt and finance charges		9	27
Surplus/(Deficit) in Current Budget	0	4	(12)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The replacement/refurbishment of the drive-through bus washer in the Fort Rouge bus garage ("FRG") is required due to an advanced state of wear. With the majority of the buses at the St. James Garage ("SJG") being relocated to FRG due to the former's closure in 1996, the unit's deterioration has accelerated. Additional stress will be placed on the existing system in 1999 because of the Pan Am Games. The FRG houses approximately 410 buses. A replacement/refurbished unit will improve overall reliability and will reduce bus washer maintenance cost.

Consideration is being given to relocating and refurbishing the unit (as opposed to outright replacement) currently housed at SJG. A long-term closure of SJG will permit the transfer of this relatively new bus washer to FRG. This capital project will include a small addition to the existing FRG for interior bus washing. The transfer of buses from SJG required that space be created at FRG to ensure bus interiors are efficiently and effectively cleaned.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: Regular Transit Buses

Centre No: 53yy0607xx

Program/Service: Transportation-Regular, chartered and special transit services

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Existing Infrastructure (5C-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		9,794	10,711	11,044	11,044	11,044	11,378	11,711	66,932	76,726
Funded by:										
City		743								743
Replacement Reserve		4,210	5,408	5,576	5,576	5,576	5,745	5,913	33,794	38,004
Province - UCPA III		3,000	3,000	3,000	3,000				9,000	12,000
Prov - UCPA III unconditional		1,841	2,303	2,468	2,468				7,239	9,080
Province - UCPA IV						3,000	3,000	3,000	9,000	9,000
Prov - UCPA IV unconditional						2,468	2,633	2,798	7,899	7,899

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		9,794			32,799		22,422	11,711		76,726
Funded by:										
City		743								743
Replacement Reserve		4,210			16,560		11,321	5,913		38,004
Province - UCPA		4,841			16,239		11,101	5,798		37,979

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	163		(50)
Less: Increase/(Decrease) in Operating Expenditures	(100)		100
Increase in Debt and finance charges	26	74	74
Surplus/(Deficit) in Current Budget	237	(74)	(224)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project will purchase new low-floor urban transit buses for the replacement of buses which have reached the end of their useful life. The project contemplates the acquisition of thirty buses per year, in accordance with the department's regular replacement program. This program is based upon a buses useful life averaging 18 years, which is greater than the industry standard.

In 1997, the City awarded a multi-year contract for bus purchases contemplated for 1997 through 1999 as included in the 1997 Capital Budget and Five Year Forecast (1998 to 2002). Council approved this plan on February 26, 1997. In addition to obtaining favourable prices, this contract was sought in order to complement the existing fleet for the Pan Am Games in 1999.

The cash flow for the five year forecast portion reflects current conditions and annual contract awards. A significant supplier of low-floor urban transit buses has a two and one-half year production backlog.

This is a continuing program, although no amounts have been included for "previous budgets" and "actuals to date" because of this project's recurring nature.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: Fare Collection System

Centre No: 55yy0807xx

Capital Priority Rating: Priority Points 3 - 2

Program/Service: Transportation-Regular, handi-transit and chartered and special transit services

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Existing Infrastructure (5C-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		100						2,000	2,000	2,100
Funded by:										
City		100						2,000	2,000	2,100

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		100						2,000		2,100
Funded by:										
City		100						2,000		2,100

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	(7)	(10)	(20)
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	4	10	10
Surplus/(Deficit) in Current Budget	(11)	(20)	(30)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The existing fare collection system is several decades old and limits flexibility in the type of fares that can be offered passengers. The 1999 portion of this budget would be used to formally study the department's technical requirements and provide recommendation for effective solutions.

Pending the results of this study, the first operational phase of this project contemplates mechanizing the existing transfer dispensing system and acquiring replacement mechanical fareboxes.

Smart card and proximity card technology has practical application in the transit industry and will permit more extensive use of prepaid fares, accommodate more complex fare systems and provide more efficient processing and reporting of fares, and provide a better defence against potential counterfeiting of monthly and weekly passes. As this technology is still developing and the public is only beginning to accept this as a means of paying for goods and services, this part of the project has been delayed until beyond 2005.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: Innovative Transit Program

Centre No: 55yy0107xx

Program/Service: Transportation-Regular, handi-transit
and chartered and special transit services

Capital Priority Rating: Priority Points 3 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Commit to Transit System Improvements
(5C-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	N/A	432	250	200	200	200	200	700	1,750	2,182
Funded by:										
City		432	250	200	200	200	200	700	1,750	2,182

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		300	300	200	200	200	200	600	182	2,182
Funded by:										
City		300	300	200	200	200	200	600	182	2,182

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)	9	9	6
Less: Increase/(Decrease) in Operating Expenditures	(11)	(41)	(67)
Increase in Debt and finance charges	11	41	67
Surplus/(Deficit) in Current Budget	9	9	6

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Innovative Transit Program provides for various projects of an innovative nature which are not normally funded through current or other areas of the capital budget. Various projects such as transit terminals at shopping centres, large heated shelters, improved waiting amenities at major bus stops, park and ride lots, bus priority measures, handi-transit trip confirmation improvements, and an automated transit scheduling system provide an enduring benefit to the department and have been funded under this program.

This is a continuing program, although no amounts have been included for "previous budgets" and "actuals to date" because of this project's recurring nature.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: Transit Buildings Replacement/Refurbishment

Centre No: 52yy0107xx

Program/Service: Transportation-Regular, handi-transit
and chartered and special transit services

Capital Priority Rating: Priority Points 3 - 1

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Existing Infrastructure (5C-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							100		100	100
Funded by:										
City							100		100	100

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							100			100
Funded by:										
City							100			100

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges						
Surplus/(Deficit) in Current Budget				0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Transit's operations are housed out of two primary facilities, the Fort Rouge complex and North Main garage. These facilities are approximately 30 and 50 years old respectively. The department continues to fund maintenance of the facilities through the operating budget. However, it is becoming clear that more significant funding will be needed shortly to prevent building failure. The budget for 2004 will be a first step for this project and would include an analysis of the most cost effective approach to solve the building problems. It is anticipated that the results of this review will result in this becoming a multi-year capital project.

TRANSIT DEPARTMENT - TRANSIT SYSTEM FUND

Project Name: Southwest Transit Corridor

Centre No: 5405010701

Program/Service: Transportation-Regular, chartered and special transit services

Capital Priority Rating:

Priority Points 3 - 3

Plan Winnipeg Indicator:

Regional Services & Facilities

Commit to Transit System Improvements (SC-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								250	250	250
Funded by:										
City								250	250	250

CASH FLOW	1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							250		250
Funded by:									
City							250		250

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Replace Wood Pole Lighting with Ornamental Lighting (Tax Supported Program)

Centre No: 28xxxx

Program/Service: Public Safety/Roadway Illumination

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Downtown Image

Establish Maintenance Standards (6D-03)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						100	100	100	300	300
Funded by:										
City						100	100	100	300	300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						100	100	100		300
Funded by:										
City						100	100	100		300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Year 2003

Academy - Cambridge to Stafford

St. Matthews - Empress to CPR ROW

Year 2004

Dufferin - Arlington to Powers

Year 2005

Logan - McPhillips to Arlington

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Upgrading Lighting Plant on Bridges (Tax Supported Program)

Centre No: 28xxxx

Program/Service: Public Safety/Roadway Illumination

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Downtown Image

Establish Maintenance Standards (6D-03)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		100					250	250	500	600
Funded by:										
City		100					250	250	500	600

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		100					250	250		600
Funded by:										
City		100					250	250		600

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Arlington Bridge - Replace crossarms and open wire with cable in conduit.

Louise Bridge - Replace fluorescent lighting with high pressure sodium and conductor.

Redwood Bridge - Replace fluorescent lighting with high pressure sodium and conductor.

Disraeli Bridge and Approaches - Replace standards and fixtures.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Pointe du Bois Tramway Building Replacement

Centre No: 52010111xx

Program/Service: Physical Asset Stewardship/

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				700					700	700
Funded by:										
Debentures				700					700	700

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				300	400					700
Funded by:										
Debentures				300	400					700

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			26
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			9
Surplus/(Deficit) in Current Budget	0	0	17

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replace tramway vehicle storage building and rearrange associated rail track to improve transport efficiency. (The existing wood construction building dating from the early 1940's is deteriorating and requires replacement.)

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Pointe Du Bois Replace Turbine/Generator Unit No. 2

Centre No: 52000111xx

Program/Service: Physical Asset Stewardship/

Hydro Infrastructure Design and Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			14,500						14,500	14,500
Funded by:										
Debentures			14,500						14,500	14,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			5,000	9,500						14,500
Funded by:										
Debentures			5,000	9,500						14,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		425	808
Less: Increase/(Decrease) in Operating Expenditures			150
Increase in Debt and finance charges		150	585
Surplus/(Deficit) in Current Budget	0	275	73

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install second Straflo turbine/generator unit to replace original equipment in service since 1911.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Pointe du Bois Replace Turbine/Generator Units No. 3 and No. 4

Centre No: 52yy0111xx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship/

Plan Winnipeg Indicator: Sustainable Development

Hydro Infrastructure Design and Construction

Encourage Innovative Projects (3A-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				14,000	14,000				28,000	28,000
Funded by:										
Debentures				14,000	14,000				28,000	28,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				6,000	14,000	8,000				28,000
Funded by:										
Debentures				6,000	14,000	8,000				28,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)			
	1999	2000	2001
Revenue Increase/(Decrease)			510
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			180
Surplus/(Deficit) in Current Budget		0	330

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install Straflo turbine/generator units to replace original equipment in service since 1911 (Units No. 3 and No. 4).

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Pointe du Bois Replace Turbine/Generator Unit 7 (Straflo Unit 5)

Centre No: 52030111xx

Program/Service: Physical Asset Stewardship/

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						14,000			14,000	14,000
Funded by:										
Debentures						14,000			14,000	14,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						6,000	8,000			14,000
Funded by:										
Debentures						6,000	8,000			14,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install Straflo turbine/generator unit to replace existing Unit No. 7, in service since 1911.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Pointe du Bois Rehabilitate Main Spillway Rollways/Piers and Replace Sluiceways/Hoisting Equipment

Centre No: 52yy0111xx

Program/Service: Physical Asset Stewardship/
Hydro Infrastructure Operations & Mtce

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		800		900	600				1,500	2,300
Funded by:										
Debentures		800		900	600				1,500	2,300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		800		900	600					2,300
Funded by:										
Debentures		800		900	600					2,300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			77
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			27
Surplus/(Deficit) in Current Budget	0	0	50

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Rehabilitate main spillway rollways and piers and replace sluiceways and hoisting equipment, as needed.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Pointe du Bois Replace Transformer No. 2 and Switchgear

Centre No: 52030111xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Operations & Mtce

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						2,500			2,500	2,500
Funded by:										
Debentures						2,500			2,500	2,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						1,500	1,000			2,500
Funded by:										
Debentures						1,500	1,000			2,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Phase II - Replace transformer No. 2, 69 kV and 138 kV equipment, in preparation for Straflo generator No. 5 upgrade transmission to 138 kV.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Pointe du Bois Powerhouse Life Extension Program

Centre No: 52yy0111xx

Program/Service: Physical Asset Stewardship/

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (SC-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		1,000	1,000	1,000	5,000			5,000	12,000	13,000
Funded by:										
Debentures		1,000	1,000	1,000	5,000			5,000	12,000	13,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		800	1,200	1,000	4,000	1,000		5,000		13,000
Funded by:										
Debentures		800	1,200	1,000	4,000	1,000		5,000		13,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		85	85
Less: Increase/(Decrease) in Operating Expenditures			30
Increase in Debt and finance charges		30	90
Surplus/(Deficit) in Current Budget	0	55	(35)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Powerhouse requires extensive concrete and superstructure repairs to ensure safe operation and extend its useful life. Multi-year, ongoing condition monitoring and stabilization program in addition to work done in conjunction with the Straflo Turbine Project.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Pointe du Bois
Replace Transformers No. 3 and No. 5 and 69 kV/138 kV Equipment,
Re-terminate Generators 9 to 12

Centre No: 5204011xx
 Program/Service: Physical Asset Stewardship
 Hydro Infrastructure Operations & Mtce

Capital Priority Rating: Priority Points 5 - 4
 Plan Winnipeg Indicator: Sustainable Development
 Encourage Innovative Projects (3A-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							3,250		3,250	3,250
Funded by:										
Debentures							3,250		3,250	3,250

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								3,250		3,250
Funded by:										
Debentures								3,250		3,250

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Phase III - Replace transformers No. 3 and No. 5, 69 kV and 138 kV equipment, re-terminate generators 9, 10, 11 and 12 for upgrade of the power house and conversion to 138 kV transmission.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

**Project Name: -Generation- Pointe du Bois
Miscellaneous Spillway Repairs**

Centre No: 52050111xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Operations & Mtce.

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								800	800	800
Funded by:										
Debentures								800	800	800

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								400	400	800
Funded by:										
Debentures								400	400	800

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: - Pointe du Bois Control Room Upgrade

Centre No: 52050111xx
Program/Service: Physical Asset Stewardship
Hydro Infrastructure Operations & Mtce

Capital Priority Rating: Priority Points 5 - 4
Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								750	750	750
Funded by:										
Debentures								750	750	750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								400	350	750
Funded by:										
Debentures								400	350	750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: - Pointe du Bois SCADA and Control Systems

Centre No: 52050111xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Operations & Mtce.

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,000	1,000	1,000
Funded by:										
Debentures								1,000	1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								500	500	1,000
Funded by:										
Debentures								500	500	1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)			
	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls
Replacement of Obsolete Powerhouse Equipment - Transformers, Governors, etc.

Centre No: 52yy0211xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Operations & Mtce.

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					2,000	1,450			3,450	3,450
Funded by:										
Debentures					2,000	1,450			3,450	3,450

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					1,450	1,000	1,000			3,450
Funded by:										
Debentures					1,450	1,000	1,000			3,450

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install replacement powerhouse transformers, governors, etc.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls

Rewind No. 2 Generator Stators and Rehabilitate No. 1 and 2 Turbine

Centre No: 52yy0211xx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship/

Plan Winnipeg Indicator: Sustainable Development

Hydro Infrastructure Design and Construction

Encourage Innovative Projects (3A-02)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					2,400	2,400			4,800	4,800
Funded by:										
Debentures					2,400	2,400			4,800	4,800

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					1,600	3,200				4,800
Funded by:										
Debentures					1,600	3,200				4,800

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Rewind No. 2 Generator Stator. Existing shellac-mica insulated winding in service since 1948 is at the end of its service life and must be replaced. Replace existing turbine runners in service since 1931 and rehabilitate auxiliary equipment and structure, as needed. Design model and test prototype turbine runner replacement for existing main unit turbines.

Allocated To:

	1999	2000	2001	2002	2003	2004	Total
Rewind No. 2 Generator Stator					900		900
Rehabilitate No. 1 Turbine				1,400			1,400
Rehabilitate No. 2 Turbine					1,500		1,500
Model/Test Turbine Runner				1,000			1,000
				<u>2,400</u>	<u>2,400</u>		<u>4,800</u>

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls Repair of North and Creek Spillway Rollways

Centre No: 52yy0211xx

Program/Service: Physical Asset Stewardship/

Hydro Infrastructure Operations and Maintenance

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		1,400	1,000	2,500					3,500	4,900
Funded by:										
Debentures		1,400	1,000	2,500					3,500	4,900

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		1,400	1,000	2,500						4,900
Funded by:										
Debentures		1,400	1,000	2,500						4,900

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		85	213
Less: Increase/(Decrease) in Operating Expenditures			30
Increase in Debt and finance charges		30	135
Surplus/(Deficit) in Current Budget	0	55	48

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Rehabilitate deteriorated Slave Falls North and Creek Spillway Rollways and Piers - 7 year program to be completed in 2001.
North Spillway - 1999, 2000. Creek Spillway - 2001.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls Rehabilitate Main Unit Headgates and Roller Paths

Centre No: 52yy0211xx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship

Plan Winnipeg Indicator: Regional Services and Facilities

Hydro Infrastructure Operations and Maintenance

Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		200	300	800	800	800	800	800	4,300	4,500
Funded by:										
Debentures		200	300	800	800	800	800	800	4,300	4,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		200	300	800	800	800	800	800		4,500
Funded by:										
Debentures		200	300	800	800	800	800	800		4,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		26	68
Less: Increase/(Decrease) in Operating Expenditures			9
Increase in Debt and finance charges		9	42
Surplus/(Deficit) in Current Budget	0	17	17

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Rehabilitate/replace deteriorated main unit headgates and roller paths - multi-year program initiated in 1996.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls Rehabilitate Sluiceways and Hoisting Equipment

Centre No: 52yy0211xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Operations and Maintenance

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		250	300	300	400	400	400	400	2,200	2,450
Funded by:										
Debentures		250	300	300	400	400	400	400	2,200	2,450

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		250	300	300	400	400	400	400		2,450
Funded by:										
Debentures		250	300	300	400	400	400	400		2,450

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		26	26
Less: Increase/(Decrease) in Operating Expenditures			9
Increase in Debt and finance charges		9	27
Surplus/(Deficit) in Current Budget	0	17	(10)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Rehabilitate/replace, as needed, existing north spillway (7) sluiceways and hoisting equipment, in service since 1931.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls Rehabilitate Unit No. 3 Turbine

Centre No: 52040211xx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship

Plan Winnipeg Indicator: Sustainable Development

Hydro Infrastructure Operations and Maintenance

Encourage Innovative Projects (3A-02)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							1,500		1,500	1,500
Funded by:										
Debentures							1,500		1,500	1,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							1,500			1,500
Funded by:										
Debentures							1,500			1,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replace existing turbine runner in service since 1937 and rehabilitate auxiliary equipment and structures, as needed.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls

Replace Obsolete Remote Supervisory Control with SCADA

Centre No: 52yy0211xx

Program/Service: Physical Asset Stewardship/

Hydro Infrastructure Operations & Mice

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			250	250					500	500
Funded by:										
Debentures			250	250					500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			150	250	100					500
Funded by:										
Debentures			150	250	100					500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		13	21
Less: Increase/(Decrease) in Operating Expenditures			4
Increase in Debt and finance charges		5	17
Surplus/(Deficit) in Current Budget	0	8	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replace obsolete remote supervisory control with modern SCADA system.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls Rehabilitate Powerhouse Structure

Centre No: 52050211xx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship

Plan Winnipeg Indicator: Sustainable Development

Hydro Infrastructure Design & Construction

Encourage Innovative Projects (3A-02)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,000	1,000	1,000
Funded by:										
Debentures								1,000	1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								500	500	1,000
Funded by:										
Debentures								500	500	1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)			
	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls Rehabilitate Unit No.4 Turbine

Centre No: 52050211xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design& Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,700	1,700	1,700
Funded by:										
Debentures								1,700	1,700	1,700

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								800	900	1,700
Funded by:										
Debentures								800	900	1,700

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls Upgrade Control House Equipment

Centre No: 52050211xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design& Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								500	500	500
Funded by:										
Debentures								500	500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								500		500
Funded by:										
Debentures								500		500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Generation - Slave Falls Automate Local Service Generators

Centre No: 52050211xx

Program/Service: Physical Asset Stewardship/

Hydro Infrastructure Design& Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								500	500	500
Funded by:										
Debentures								500	500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								500		500
Funded by:										
Debentures								500		500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Pointe du Bois Lines Upgrade Transmission Lines

Centre No: 55yy0111xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			3,500	6,000	6,000	6,000	6,000	6,000	33,500	33,500
Funded by:										
Debentures			3,500	6,000	6,000	6,000	6,000	6,000	33,500	33,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			3,500	6,000	6,000	6,000	6,000	6,000		33,500
Funded by:										
Debentures			3,500	6,000	6,000	6,000	6,000	6,000		33,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		298	510
Less: Increase/(Decrease) in Operating Expenditures			105
Increase in Debt and finance charges		105	390
Surplus/(Deficit) in Current Budget	0	193	15

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Upgrade Pointe Lines from Rover Avenue to the Powerhouse. Phase 4 - 1999. Phase 5 - 2000. Phase 6 - 2001. Phase 7 - 2002. Part of a ten year program (\$45 million) to replace the Pointe du Boise Transmission Lines, required to accommodate the increased generating capacity at the Power Plants. The efficiency, safety and aesthetics of the lines will also be improved.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Transmission - Winnipeg Lines

Installation of 69 kV Cable Between No. 3 and No. 12 Substations

Centre No: 55yy0141xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				4,350					4,350	4,350
Funded by:										
Debentures				4,350					4,350	4,350

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				1,500	1,500	1,350				4,350
Funded by:										
Debentures				1,500	1,500	1,350				4,350

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			128
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			45
Surplus/(Deficit) in Current Budget	0	0	83

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install 69 kV cable between No. 3 and No. 12 Substations.

Note: See No. 3 Substation and No. 12 Substation for balance of Phase 3.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations Various Substations - Capacitors

Centre No: 56yy01xxxx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship

Plan Winnipeg Indicator: Regional Services and Facilities

Hydro Infrastructure Design & Construction

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				130				100	230	230
Funded by:										
Debentures				130				100	230	230

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				130				100		230
Funded by:										
Debentures				130				100		230

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			11
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			4
Surplus/(Deficit) in Current Budget	0	0	7

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Additional capacitors are required to be added to the system in order to increase the supply of VARS.

Note: The Manitoba Hydro-Winnipeg Hydro Power Agreement requires Winnipeg Hydro to maintain a power factor of 96%.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations Various Substations - Master Trip System

Centre No: 56yy01xxxx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			300						300	300
Funded by:										
Debentures			300						300	300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			300							300
Funded by:										
Debentures			300							300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		26	
Less: Increase/(Decrease) in Operating Expenditures			9
Increase in Debt and finance charges		9	18
Surplus/(Deficit) in Current Budget	0	17	(27)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Load shed/master trip system - purchase and install new equipment for all substations to discontinue communication on unreliable copper pilot wire system.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations Various Substations - Relay System

Centre No: 56yy01xxxx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship

Plan Winnipeg Indicator: Sustainable Development

Hydro Infrastructure Design & Construction

Encourage Innovative Projects (3A-02)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		250	250	250	250	250	250	250	1,500	1,750
Funded by:										
Debentures		250	250	250	250	250	250	250	1,500	1,750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		250	250	250	250	250	250	250		1,750
Funded by:										
Debentures		250	250	250	250	250	250	250		1,750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		21	21
Less: Increase/(Decrease) in Operating Expenditures			7
Increase in Debt and finance charges		7	23
Surplus/(Deficit) in Current Budget	0	14	(9)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install reverse power relays on all network feeders to replace obsolete equipment (\$500K).

Purchase and install pilot wire for all lines supplying substations to replace obsolete equipment and discontinue communication on unreliable copper pilot wire cable (\$1000K).

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations Various Substations - Potential Transformers

Centre No: 560301xxxx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						200			200	200
Funded by:										
Debentures						200			200	200

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						200				200
Funded by:										
Debentures						200				200

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install potential transformers at various substations to replace obsolete hipot indication.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

Various Substations - Circuit Breakers and Buswork

Centre No: 56yy01xxxx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship/

Plan Winnipeg Indicator: Regional Services and Facilities

Hydro Infrastructure Design & Construction

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		400	400	800	800	800	800	800	4,400	4,800
Funded by:										
Debentures		400	400	800	800	800	800	800	4,400	4,800

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		400	400	800	800	800	800	800		4,800
Funded by:										
Debentures		400	400	800	800	800	800	800		4,800

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		34	68
Less: Increase/(Decrease) in Operating Expenditures			12
Increase in Debt and finance charges		12	48
Surplus/(Deficit) in Current Budget	0	22	8

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replace 69 kV circuit breakers and upgrade station buswork at various substations to replace obsolete and underrated equipment.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

No. 1 Substation - Terminate 69 kV Cable

Centre No: 56020101xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					500				500	500
Funded by:										
Debentures					500				500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					500					500
Funded by:										
Debentures					500					500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install 69 kV equipment to terminate a 69 kV cable.

Note: The reliability of the station requires improvement by adding a 3rd kV supply circuit.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

No. 3 Substation - Termination of 69 kV Cable from No. 12 Substation

Centre No: 56010103xx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship

Plan Winnipeg Indicator: Regional Services and Facilities

Hydro Infrastructure Design & Construction

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				670					670	670
Funded by:										
Debentures				670					670	670

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				500	170					670
Funded by:										
Debentures				500	170					670

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						43
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges						15
Surplus/(Deficit) in Current Budget				0	0	28

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Termination of 69 kV cable from No. 12 Substation.

Note: See No. 3 Substation, No. 12 Substation and Winnipeg Lines for balance of Phase 3.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

No. 5 Substation - Manitoba Hydro - Winnipeg Hydro Interconnection

Phase 1

Centre No: 56yy0105xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							2,000	3,000	5,000	5,000
Funded by:										
Debentures							2,000	3,000	5,000	5,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							1,000	2,000	2,000	5,000
Funded by:										
Debentures							1,000	2,000	2,000	5,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Add new interconnection with Manitoba Hydro. Replace Banks 8 and 10 with a 75/100/125 MV.A phase-shifting transformer.

Phase 1 -2004 - Upgrade Scotland 69 kV switchyard.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

No. 5 Substation - Upgrade - 138/69 kV Switchyard

Centre No: 56050105xx

Program/Service: Physical Asset Stewardship/

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (SC-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,000	1,000	1,000
Funded by:										
Debentures								1,000	1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								500	500	1,000
Funded by:										
Debentures								500	500	1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

No. 6 Substation - Upgrade - 138/69 kV Switchyard

Centre No: 56050106xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,000	1,000	1,000
Funded by:										
Debentures								1,000	1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								500	500	1,000
Funded by:										
Debentures								500	500	1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations No. 7 Substation - Substation Upgrade - Purchase and Install Electrical Equipment

Centre No: 56yy0107xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						1,500	1,500		3,000	3,000
Funded by:										
Debentures						1,500	1,500		3,000	3,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						1,500	1,500			3,000
Funded by:										
Debentures						1,500	1,500			3,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Upgrade existing building and purchase and install two 69-4 kV transformers and two section of 4 kV switchgear to replace obsolete equipment.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations No. 7 Substation - Grounding Transformer

Centre No: 56040107xx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Physical Asset Stewardship

Plan Winnipeg Indicator: Regional Services and Facilities

Hydro Infrastructure Design & Construction

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							500		500	500
Funded by:										
Debentures							500		500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							500			500
Funded by:										
Debentures							500			500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replace obsolete grounding transformer at Scotland Avenue to provide effectively grounded 69 kV system.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

No. 9 Substation - Substation Upgrade - Purchase Electrical Equipment - Phase 1

Centre No: 56050109xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,750	1,750	1,750
Funded by:										
Debentures								1,750	1,750	1,750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								900	850	1,750
Funded by:										
Debentures								900	850	1,750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

No. 12 Substation - Installation of Transformer, Building & Switchgear

Centre No: 56yy0112xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		1,185	1,590						1,590	2,775
Funded by:										
Debentures		1,185	1,590						1,590	2,775

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			1,685	750	340					2,775
Funded by:										
Debentures			1,685	750	340					2,775

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		43	64
Less: Increase/(Decrease) in Operating Expenditures			15
Increase in Debt and finance charges		15	53
Surplus/(Deficit) in Current Budget	0	28	(4)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install a 69 kV switching structure and one 69-4 kV transformer.

Note: See No. 3 Substation and Winnipeg Lines for balance of Phase 3.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations No. 21 Substation - Switchyard Wall

Cer.ite No: 56050121xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								300	300	300
Funded by:										
Debentures								300	300	300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								300		300
Funded by:										
Debentures								300		300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Substations

No. 22 Substation - Purchase 69 kV/460 kV Transformers

Centre No: 56020122xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5-4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					400				400	400
Funded by:										
Debentures					400				400	400

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					400					400
Funded by:										
Debentures					400					400

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install one 69-4kV transformer. This transformer will replace No. 7 Bank transformer, which is designated as the spare for failure of any 69-4kV transformer on the electrical system.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Central Control SCADA

Centre No: 56yy0135xx

Program/Service: Physical Asset Stewardship

Electronic Communication Infrastructure

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Sustainable Development

Encourage Innovative Projects (3A-02)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			1,000				1,000		2,000	2,000
Funded by:										
Debentures			1,000				1,000		2,000	2,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			500	500			1,000			2,000
Funded by:										
Debentures			500	500			1,000			2,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		43	43
Less: Increase/(Decrease) in Operating Expenditures			15
Increase in Debt and finance charges		15	45
Surplus/(Deficit) in Current Budget	0	28	(17)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

SCADA

- 1) Purchase and install fibre optic cable communication system to replace obsolete copper wire systems (\$1000K).
- 2) Purchase and install backup control work stations for SCADA (\$500K).
- 3) Purchase and install a map board display at the control centre (\$500K).

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Emergent Equipment

Centre No: 56yy0136xx

Program/Service: Physical Asset Stewardship

Hydro Infrastructure Operations & Mtce.

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C - 55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		250	250	250	250	250	250	250	1,500	1,750
Funded by:										
Debentures		250	250	250	250	250	250	250	1,500	1,750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		250	250	250	250	250	250	250		1,750
Funded by:										
Debentures		250	250	250	250	250	250	250		1,750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		21	21
Less: Increase/(Decrease) in Operating Expenditures			7
Increase in Debt and finance charges		7	23
Surplus/(Deficit) in Current Budget	0	14	(9)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Purchase and install equipment of an emergent nature.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Overhead Replacement of Overhead Plant

Centre No: 56yy041xxx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Revenue/

Plan Winnipeg Indicator: Regional Services and Facilities

Electrical Energy Production and Distribution

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		100	100	500	100	100	100	100	1,000	1,100
Funded by:										
Debentures		100	100	500	100	100	100	100	1,000	1,100

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		100	100	500	100	100	100	100		1,100
Funded by:										
Debentures		100	100	500	100	100	100	100		1,100

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)					9	43
Less: Increase/(Decrease) in Operating Expenditures						3
Increase in Debt and finance charges					3	21
Surplus/(Deficit) in Current Budget				0	6	19

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Replacement of overhead plant.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Overhead Supply Load Increases

Centre No: 56yy041xxx

Program/Service: Revenue/

Electrical Energy Production and Distribution

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		1,100	1,100	1,100	1,100	1,100	1,100	1,100	6,600	7,700
Funded by:										
Debentures		1,100	1,100	1,100	1,100	1,100	1,100	1,100	6,600	7,700

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		1,100	1,100	1,100	1,100	1,100	1,100	1,100		7,700
Funded by:										
Debentures		1,100	1,100	1,100	1,100	1,100	1,100	1,100		7,700

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		94	94
Less: Increase/(Decrease) in Operating Expenditures			33
Increase in Debt and finance charges		33	99
Surplus/(Deficit) in Current Budget	0	61	(38)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Supply of new customers and feeder extensions for additional loads and rearrangements of Overhead Plant.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Underground Supply New Customers/Network System - New Services

Centre No: 56yy051xxx

Program/Service: Electrical Energy Production and
Distribution

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Economic Direction

Promote Positive Business Climate (2A-07)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		775	775	775	775	775	775	775	4,650	5,425
Funded by:										
Debentures		775	775	775	775	775	775	775	4,650	5,425

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		775	775	775	775	775	775	775		5,425
Funded by:										
Debentures		775	775	775	775	775	775	775		5,425

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		66	66
Less: Increase/(Decrease) in Operating Expenditures			23
Increase in Debt and finance charges		23	70
Surplus/(Deficit) in Current Budget	0	43	(27)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Underground Distribution - Supply new customers from 4kV and 12kV feeders = \$700,000 per year.

Network System - New Services = \$75,000 per year.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Underground System Improvements and Replacements

Centre No: 56yy051xxx

Program/Service: Revenue/

Electrical Energy Production and Distribution

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		1,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000	7,000
Funded by:										
Debentures		1,000	1,000	1,000	1,000	1,000	1,000	1,000	6,000	7,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		1,000	1,000	1,000	1,000	1,000	1,000	1,000		7,000
Funded by:										
Debentures		1,000	1,000	1,000	1,000	1,000	1,000	1,000		7,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		85	85
Less: Increase/(Decrease) in Operating Expenditures			30
Increase in Debt and finance charges		30	90
Surplus/(Deficit) in Current Budget	0	55	(35)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Improvements and replacements of mainline equipment - feeder cable, switchgear and transformers, ductline and manholes.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Underground Conversion of Downtown Area

Centre No: 56yy051xxx

Program/Service: Revenue/

Electrical Energy Production and Distribution

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Downtown Image

Establish Maintenance Standards (6D-03)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			300	300	300	300	300	300	1,800	1,800
Funded by:										
Debentures			300	300	300	300	300	300	1,800	1,800

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			300	300	300	300	300	300		1,800
Funded by:										
Debentures			300	300	300	300	300	300		1,800

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		26	26
Less: Increase/(Decrease) in Operating Expenditures			9
Increase in Debt and finance charges		9	27
Surplus/(Deficit) in Current Budget	0	17	(10)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Convert from Overhead to Underground Distribution in the Downtown Area bounded by Main, Memorial, Assiniboine and Logan in conjunction with major redevelopments.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Underground Overhead to Underground Conversion of Major Streets

Centre No: 56yy051xxx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Revenue/

Plan Winnipeg Indicator: Downtown Image

Electrical Energy Production and Distribution

Establish Maintenance Standards (6D-03)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							740	740	1,480	1,480
Funded by:										
Debentures							740	740	1,480	1,480

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							740	740		1,480
Funded by:										
Debentures							740	740		1,480

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus (Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Overhead to underground conversion on major streets.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Underground Image Route Improvements

Centre No: 56yy051xxx

Program/Service: Revenue/

Electrical Energy Production and Distribution

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide High Quality Maintenance (5C-55)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			500	500	500	500	500	500	3,000	3,000
Funded by:										
Debentures			500	500	500	500	500	500	3,000	3,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			500	500	500	500	500	500		3,000
Funded by:										
Debentures			500	500	500	500	500	500		3,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)			
	1999	2000	2001
Revenue Increase/(Decrease)		43	43
Less: Increase/(Decrease) in Operating Expenditures			15
Increase in Debt and finance charges		15	45
Surplus/(Deficit) in Current Budget	0	28	(17)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Image Route Improvements in Winnipeg Hydro and Manitoba Hydro service area.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Underground
Remove Overhead On Academy Road from Kenaston to Cambridge

Centre No: 5604051xxx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Revenue/

Plan Winnipeg Indicator: Downtown Image

Electrical Energy Production and Distribution

Establish Maintenance Standards (6D-03)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)							2,400		2,400	2,400
Funded by:										
Debentures							2,400		2,400	2,400

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)							2,400			2,400
Funded by:										
Debentures							2,400			2,400

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Fdr.'s 703N15 and 8U24 330 m of ductline and 500 m of cable - \$1,100,000.

Fdr.'s 706N20 and 8U24 800 m of ductline and 685 m of cable - \$1,300,000.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Distribution - Underground No. 6 Substation Ductline and Cable

Centre No: 56yy051xxx

Program/Service: Electrical Energy Production and
Distribution

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (5C-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		610	235						235	845
Funded by:										
Debentures		610	235						235	845

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		610	235							845
Funded by:										
Debentures		610	235							845

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		20	0
Less: Increase/(Decrease) in Operating Expenditures			7
Increase in Debt and finance charges		7	14
Surplus/(Deficit) in Current Budget	0	13	(21)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Phase I, 1999 - Tie No. 6 Substation to Main Street and resupply feeders 605, 606, 607, and 608.

Phase II, 2000 - Tie No. 6 Substation to Market Avenue and resupply feeder 603.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Hydro Office/Other Buildings - AEM Facility Vehicle and Equipment Replacement

Centre No: 61yy0103xx

Program/Service: Physical Asset Stewardship/Fleet
Provision

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Provide High Quality Maintenance (SC-55)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		240	240	240	240	330	240	250	1,540	1,780
Funded by:										
Debentures		240	240	240	240	330	240	250	1,540	1,780

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		240	240	240	240	330	240	250		1,780
Funded by:										
Debentures		240	240	240	240	330	240	250		1,780

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		20	20
Less: Increase/(Decrease) in Operating Expenditures			7
Increase in Debt and finance charges		7	22
Surplus/(Deficit) in Current Budget	0	13	(9)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Ongoing program of replacement of vehicles and purchase of additional vehicles as required due to expanded service.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Hydro Office/Other Buildings - Operating Building
Buildings Rearrangement - Modifications to Operating Building
1315 Notre Dame Avenue

Centre No: 61yy0151xx

Program/Service: Physical Asset Stewardship/Hydro
 Infrastructure Design & Construction

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Personal Safety
 Promote Safety in Design (4F-01)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		500	500	500	500	500	500	500	3,000	3,500
Funded by:										
Debentures		500	500	500	500	500	500	500	3,000	3,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		500	500	500	500	500	500	500		3,500
Funded by:										
Debentures		500	500	500	500	500	500	500		3,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)		43	43
Less: Increase/(Decrease) in Operating Expenditures			15
Increase in Debt and finance charges		15	45
Surplus/(Deficit) in Current Budget	0	28	(17)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Modifications to the Operating Building 1315 Notre Dame. Renovate obsolete mechanical and electrical systems and installation of fire sprinklers.

WINNIPEG HYDRO DEPARTMENT - HYDRO ELECTRIC SYSTEM

Project Name: Customer Premises

Water Heater Control System and Automatic Meter Reading

Centre No: 56yy0135xx

Capital Priority Rating: Priority Points 5 - 4

Program/Service: Revenue/

Plan Winnipeg Indicator: Sustainable Development

Electrical Energy Production and Distribution

Encourage Innovative Projects (3A-02)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						500	2,000	2,000	4,500	4,500
Funded by:										
Debentures						500	2,000	2,000	4,500	4,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						500	2,000	2,000		4,500
Funded by:										
Debentures						500	2,000	2,000		4,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Automatic Meter Reading - 2003 - Year 1 of a multi-year project.

To replace existing meters (approximately 100,000 meters) with a new automatic reading system which has the capability to provide meter readings, detect theft/tampering, obtain Demand Side Management Information, remote water heater control, establish "time of use" rates, and allow remote disconnections and reconnections. These features are available through various communication networks such as telephone line, radio frequencies, power line carriers, etc.

The Automatic Meter Reading System will eventually eliminate the need for Meter Readers. The system would eliminate estimated bills, therefore resulting in accurate billings every month and a reduction in the volume of high bill concerns. The remote disconnect/reconnect feature allows for immediate service response and would result in fewer write-offs.

Also, this system will replace an obsolete system, presently in use, for water heater control.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Combined Sewer Flood Relief

Centre No: 52yy0207xx

Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Basement Flooding Protection
(5C-28)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	77,379	6,500	7,000	7,500	7,500	7,200	7,200	7,200	43,600	50,100
Funded by:										
Sewer Frontage Levy		6,500	7,000	7,500	7,500	7,200	7,200	7,200	43,600	50,100

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		6,500	7,000	7,500	7,500	7,200	7,200	7,200		50,100
Funded by:										
Sewer Frontage Levy		6,500	7,000	7,500	7,500	7,200	7,200	7,200		50,100

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project is part of a continuing program of providing basement flood relief to combined sewer areas. It is proposed that funds be used to continue with the design and construction of sewer relief works for the new program phase of the relief program as approved by Council on October 21, 1987.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Flood Relief Sewers - Separate

Centre No: 52yy0307xx

Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Basement Flooding Protection

(5C-21)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						300	300	300	900	900
Funded by:										
Sewer Frontage Levy						300	300	300	900	900

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						300	300	300		900
Funded by:										
Sewer Frontage Levy						300	300	300		900

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Basement flooding has become as extensive in some separate sewered areas as in combined sewered areas. A parallel relief sewer program in separate areas is necessary. It is proposed that funds be used for the conceptual and detailed design and construction of sewer relief works in separate sewered areas.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Impoundment Shoreline Replacement/Upgrading

Centre No: 52yy0807xx

Program/Service: Property Stewardship/Land Drainage
Collection

Capital Priority Rating: Priority Points 3 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Preserve Natural Drains (5C-30)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	972	300	100	100	100		100	100	500	800
Funded by:										
City		300	100	100	100		100	100	500	800

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		300	100	100	100		100	100		800
Funded by:										
City		300	100	100	100		100	100		800

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	11	34	44
Surplus/(Deficit) in Current Budget	(11)	(34)	(44)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is an annual program of carrying out repairs or improvements to shorelines of existing stormwater retention basins (impoundments). Upgrading of the shoreline work will prevent chronic maintenance problems and improve safety.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Regional Flood Protection

Centre No: 52yy0907xx

Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Regional Flood Protection (5C-29)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	2,791	529	359	444	444	444	444	450	2,585	3,114
Funded by:										
City		529	359	444	444	444	444	450	2,585	3,114

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		529	359	444	444	444	444	450		3,114
Funded by:										
City		529	359	444	444	444	444	450		3,114

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	19	65	104
Surplus/(Deficit) in Current Budget	(19)	(65)	(104)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The City has reviewed the adequacy and operation of the regional flood protection system against high water levels in the Red and Assiniboine Rivers, and has an annual program of carrying out major repairs or improvements to the flood pumping stations, outfall pipes and gates, and operating procedures. Also, under the 1990 "Clean and Beautiful Winnipeg" initiative, several flood pumping stations have been identified for aesthetic improvements.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Flood Pumping Station Reliability Upgrades

Centre No: 52yy0907xx

Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Regional Flood Protection (5C-29)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					1,000	1,000	1,000	1,450	4,450	4,450
Funded by:										
City					1,000	1,000	1,000	1,450	4,450	4,450

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					1,000	1,000	1,000	1,450		4,450
Funded by:										
City					1,000	1,000	1,000	1,450		4,450

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project includes upgrading of critical components (ventilation, electrical) and installation of remote monitoring at all 34 combined sewer systems flood pumping stations. This will improve station reliability under high river level and rainfall conditions, and provide monitoring of the station operation.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Land Drainage Sewers Outfall Gate Structures

Centre No: 52yy1407xx

Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Regional Flood Protection (5C-29)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					2,000	500	2,000	2,000	6,500	6,500
Funded by:										
City					2,000	500	2,000	2,000	6,500	6,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					2,000	500	2,000	2,000		6,500
Funded by:										
City					2,000	500	2,000	2,000		6,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This is a project to install flap gates and positive sliding gates within concrete gate structures on land drainage outfall sewers where these facilities do not currently exist. Under high river level (flood) conditions, the river water backs up into the land drainage system. In some low lying areas there is a potential for river water to inundate roadways and adjacent properties. The presence of river water in the land drainage pipes also greatly reduces the capacity of the system to carry away rainfall and snow melt runoff. The gate structures will prevent the entry of river water into the land drainage system.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Development Agreement Paybacks

Centre No: 52yy1307xx

Program/Service: Property Stewardship/Land Drainage
Collection

Capital Priority Rating: Priority Points 3 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Protect Against Major Storms (5C-31)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			500	510				600	1,610	1,610
Funded by:										
Developer Capacity Charges			500	510				600	1,610	1,610

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			500	510				600		1,610
Funded by:										
Developer Capacity Charges			500	510				600		1,610

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The provision for development agreement payback is an allowance for the City to repay developers who bridge finance the installation of oversized land drainage services at a time when City capital funding is not provided. The policy guideline for bridge financing was defined in the previous version of the Development Agreement Parameters and was again incorporated in the most recent version of the Parameters which was adopted by Council on June 21, 1989.

Funds budgeted will provide the following paybacks:

2000	DASZ 14/94 - Genstar/Prairie Crossing	\$500,000
2001	AG 25/80 - 66300 Manitoba Ltd./Royal Mint	\$185,000
2001	DASZ 44/85 - Qualico/Lagimodiere Outfall	\$325,000
2005	DASZ 3/93 - Genstar/Amber Trails	\$600,000

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Flood Activity/Emergency Information System

Centre No: 52yy1507xx

Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Regional Flood Protection (5C-29)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		700	1,400	300					1,700	2,400
Funded by:										
City		700	1,400	300					1,700	2,400

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		700	1,400	300						2,400
Funded by:										
City		700	1,400	300						2,400

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	25	119	221
Surplus/(Deficit) in Current Budget	(25)	(119)	(221)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project will provide an overall flood activity and emergency manual for the entire City of Winnipeg. It will consolidate and update information in partial flood activity manuals that currently exist for the North East and South West Sectors of the City. Work tasks include collecting information to develop activities for the portions of the City where activity manuals do not exist. The manual will describe all operational activities for all combined and separate sewer districts, such as gate monitoring, gate closure, activation of permanent pumping facilities, installation and activation of temporary pumping facilities, secondary dike requirements, etc.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Floodplain Management

Centre No: 52yy1507xx

Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Regional Flood Protection (5C-29)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					300				300	300
Funded by:										
City					300				300	300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					300					300
Funded by:										
City					300					300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project will investigate programs, policies and legislation to:

- 1) Protect and ensure permanency of current and future secondary dike installation.
- 2) Prevent construction of new structures interfering with secondary dikes and within unprotected areas subjected to frequent high river levels and;
- 3) Investigate a process and develop guidelines to control or prevent improvements/re-developments at unprotected private properties with potential acquisition of such high risk properties.

The implementation of such programs could be over 5 to 10 years minimum at a cost of \$10 million.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Permanent Secondary Dikes

Centre No: 52yy1507xx

Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Regional Flood Protection (5C-29)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		600	1,000		1,000		1,000	400	3,400	4,000
Funded by:										
City		600	1,000		1,000		1,000	400	3,400	4,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		600	1,000		1,000		1,000	400		4,000
Funded by:										
City		600	1,000		1,000		1,000	400		4,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	21	95	160
Surplus/(Deficit) in Current Budget	(21)	(95)	(160)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Construction of permanent secondary dikes on private property at locations that have previously required sandbag dikes and at other strategic locations. The project will include engineering, acquisition of permits and supply and installation of material to create the permanent dikes. Riverbank stability and site features will govern final locations. Finish landscaping will be the responsibility of the property owner.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: St. Germain/Vermette Drainage Study

Centre No: 52yy1507xx

Program/Service: Property Stewardship/Land Drainage
Collection

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					100				100	100
Funded by:										
City					100				100	100

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					100					100
Funded by:										
City					100					100

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The purpose of this study is to assess the land drainage requirements for the St. Germain/Vermette area of south St. Vital. The study will assess requirements in terms of new design standards, hydraulic analysis methods, existing and potential development areas and future transportation facilities. Both a short term solution and long term master drainage plan to service the study area will be developed. The study will address long standing drainage problems in the area, notably along St. Mary's Road and vicinity.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Permanent Land Drainage Pumping Station at Kilkenny & Rice

Centre No: 52yy1007xx
Program/Service: Property Stewardship/Flood Control

Capital Priority Rating: Priority Points 3 - 3
Plan Winnipeg Indicator: Regional Services and Facilities
Provide Regional Flood Protection (5C-29)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								800	800	800
Funded by:										
City								800	800	800

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								800		800
Funded by:										
City								800		800

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	0	0	
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project includes construction of a permanent pumping station at Kilkenny Drive and Rice Road to allow discharge of land drainage runoff from snowmelt and rainfall under high river level conditions. This station will serve a large catchment area where use of smaller temporary pumps present logistical and reliability difficulties.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Combined Sewer Renewals

Centre No: 52yy060xxx

Program/Service: Physical Assets Stewardship/
Departmental Physical Asset Management

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Infrastructure Maintenance and
Renewal (5C-38)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		9,080	10,080	11,080	11,080	11,080	11,080	11,080	65,480	74,560
Funded by:										
Combined Sewer Renewal Reserve- Sewer Frontage Levy		9,080	10,080	11,080	11,080	11,080	11,080	11,080	65,480	74,560

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		9,080	10,080	11,080	11,080	11,080	11,080	11,080		74,560
Funded by:										
Combined Sewer Renewal Reserve- Sewer Frontage Levy		9,080	10,080	11,080	11,080	11,080	11,080	11,080		74,560

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project is a continuing program to renew deteriorating combined sewers. Sewers will be replaced or repaired using appropriate sewer rehabilitation technology, based on a condition assessment determined through video inspection. A portion of the funding will be used for video inspection.

WATER & WASTE DEPARTMENT - GENERAL CAPITAL FUND

Project Name: Outfall Maintenance

Centre No: 52yy1401xx

Program/Service: Physical Assets Stewardship/
Departmental Physical Asset Management

Capital Priority Rating: Priority Points 3 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Infrastructure Maintenance and
Renewal (5C-38)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	1,532	552	450	450	450	450	450	100	2,350	2,902
Funded by:										
City		552	450	450	450	450	450	100	2,350	2,902

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		552	450	450	450	450	450	100		2,902
Funded by:										
City		552	450	450	450	450	450	100		2,902

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	19	71	116
Surplus (Deficit) in Current Budget	(19)	(71)	(116)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Rehabilitation of sewer outfalls, to repair piping and remedy riverbank instability and/or failure. A condition assessment has been completed in 1998, to provide a prioritization of repairs for outfalls throughout the City. Outfall repairs will focus on the outfalls that require most immediate attention, some of which experienced damage from the high river elevations and ice flows experienced in 1996 and 1997.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Long Term Zebra Mussel Mitigation

Centre No: 51yy0207xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Monitor and Protect Finished Water (5C-14)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				1,000					1,000	1,000
Funded by:										
Waterworks System Fund										
Retained Earnings				1,000					1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				300	300	400				1,000
Funded by:										
Waterworks System Fund										
Retained Earnings				300	300	400				1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Zebra mussels have existed in the Great Lakes since 1986. Their rapid population growth and steady infestation of surrounding bodies of fresh water has created extensive operating problems and costs to utilities withdrawing fresh water from such areas. The City recognizes that Shoal Lake could be infested with zebra mussels. Accordingly, upgrading the Shoal Lake Intake Facilities is required to mitigate potential zebra mussel problems. Upgrading to provide mitigative measures may be implemented for short and long term control. Under previous capital budgets short term mitigative measures involving chemical treatment are being implemented. Engineering studies concerning long term mitigative measures will be carried out and may include physical measures which will reduce dependence on chemical control.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Shoal Lake Aqueduct Condition Assessment and Rehabilitation

Centre No: 51yy0307xx
 Program/Service: Public Health/Water Production &
 Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 4
 Plan Winnipeg Indicator: Regional Services and Facilities
 Maintain and Supplement Water Supply
 (5C-11)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	35,007	2,000	5,000	5,000	4,400	2,400			16,800	18,800
Funded by:										
Aqueduct Renewal Reserve		2,000	5,000	5,000	4,400	2,400			16,800	18,800

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		2,000	5,000	5,000	4,400	2,400				18,800
Funded by:										
Aqueduct Renewal Reserve		2,000	5,000	5,000	4,400	2,400				18,800

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Shoal Lake Aqueduct which has been in service for 79 years delivers water to Winnipeg from Shoal Lake, a distance of 156 kilometres (97 miles). A comprehensive condition reassessment of the Main Aqueduct reach of the Shoal Lake Aqueduct (Intake to Deacon Reservoir) was undertaken for its entire length from late 1992 to the fall of 1995. The aqueduct in this reach, though generally in good to excellent condition, is in need of rehabilitation to address buoyancy problems in the upper reaches from Mile 87 to Mile 95, significant longitudinal cracking and sulphate deterioration from Mile 17 to Mile 26 and inadequacies of the overflow structure at Mile 17 as well as its associated downstream watercourse.

A comprehensive condition assessment of the Branch I Aqueduct reach of the Shoal Lake Aqueduct (Deacon Reservoir to the McPhillips Reservoir) was undertaken for its entire length from the fall of 1994 to the spring of 1996. The aqueduct in this reach, though generally in good to excellent condition, is in need of rehabilitation to address leaking joints, a shortage of access/inspection manholes on the underdrain system as well as the cleaning and repair of same, and deterioration and inadequacies of The Tache Booster Pumping Station and Surge Tower.

Funding in 1999-2003 is for the engineering and construction of the rehabilitation works.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Waverley Street Feedermain

Centre No: 51yy0707xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water
Distribution (5C-12)

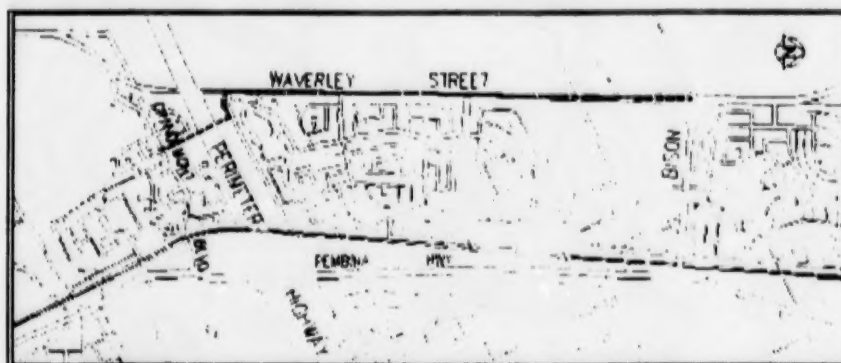
AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			2,100						2,100	2,100
Funded by:										
Waterworks System Fund										
Retained Earnings			2,100						2,100	2,100

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			2,100							2,100
Funded by:										
Waterworks System Fund										
Retained Earnings			2,100							2,100

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The funds included for this project are to increase the level of water service and fire protection to the St. Norbert area. Presently, the entire St. Norbert area is serviced through two distribution watermain. This project will provide a direct connection from the regional feedermain system to St. Norbert area water distribution system thereby increasing pressures and flows.



WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Saskatchewan Avenue Feedermain

Centre No: 51yy0707xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water
Distribution (5C-12)

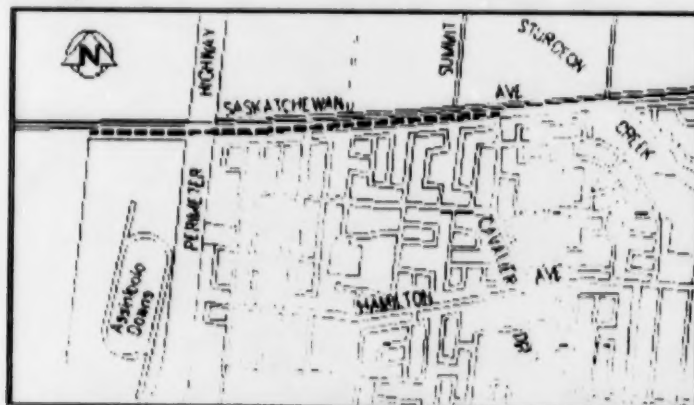
AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						1,163			1,163	1,163
Funded by:										
Waterworks System Fund Retained Earnings						1,163			1,163	1,163

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						1,163				1,163
Funded by:										
Waterworks System Fund Retained Earnings						1,163				1,163

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Urban development of the lands within the City and west of the Perimeter Highway will require an extension of the water distribution system to provide a looped supply. The funds included are to provide for a watermain between Cavalier Drive and a point 500 metres west of PTH 101 on Saskatchewan Avenue. It is expected that watermain required within the development lands to complete the loop will be oversized by developers.



WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Water Treatment - Preliminary Engineering and Pre-Design

Centre No: 51yy0807xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Monitor and Protect Finished Water (5C-14)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	2,542		1,500						1,500	1,500
Funded by:										
Water Treatment Reserve			1,500						1,500	1,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			1,500							1,500
Funded by:										
Water Treatment Reserve			1,500							1,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

In January 1994, the City of Winnipeg completed the Regional Water Supply Conceptual Planning Study. The report identified the major issues involved in planning the future water supply program and provided appropriate recommendations for a water supply master plan. These recommendations were accepted by the Committee on Works and Operations on May 10, 1994, and were subsequently adopted by Council on May 25, 1994. There is a recommendation that the City of Winnipeg should plan for the construction of a water treatment plant to treat Shoal Lake water within the next decade to meet regulatory requirements relating to public health protection.

The City has constructed a pilot water treatment plant at the Deacon Reservoir site, and has completed 14 months of pilot operation and is completing a conceptual design by July 1999 in order to obtain sufficient technical information for the public consultation and decision making process. A milestone review of the Water Treatment Plant Project in 1999 will decide if the project should proceed. Accordingly, it is prudent to budget for ongoing work in 2000 for engineering design, environmental studies, land acquisition and other related studies.

Since the project will likely proceed, it will be necessary to conduct a substantial amount of design to provide sufficient information for an environmental impact assessment to support applications for regulatory approvals and to provide sufficient information to a potential bidder, in a "privatization" procurement process. As well, the City needs enough design details and associated cost information to be able to compare the public or private scenarios. In the event that the City chooses to follow the "public" scenario, a conventional (probably more substantial) functional design would be required. Therefore, budget provision is made in 2000 for Preliminary Design, recognizing that these funds will only be used after the "milestone" review of the "go/no-go" decision with City Council in 1999.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Water Treatment Plant - Functional & Detailed Design & Construction

Centre No: 51yy0807xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities

Monitor and Protect Finished Water (5C-14)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			1,000	3,000	6,000	26,000	84,000	80,000	200,000	200,000
Funded by:										
Water Treatment Reserve			1,000	3,000	6,000	26,000	48,000	13,000	97,000	97,000
Debenture							36,000	67,000	103,000	103,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			1,000	3,000	6,000	26,000	84,000	80,000		200,000
Funded by:										
Water Treatment Reserve			1,000	3,000	6,000	26,000	48,000	13,000		97,000
Debenture							36,000	67,000		103,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The Regional Water Supply Conceptual Planning Study has concluded that water treatment of the existing water supply will be required within the decade to meet emerging regulatory requirements relating to public health protection. The funds included in the years 2000 to 2005 are to commence design, land acquisition and construction of the water treatment plant only if a positive decision to proceed is taken by City Council following the milestone review of the project in 1999. Development of the Winnipeg Water Treatment Plant project will be a costly and complex undertaking. The conceptual cost estimate of the project is \$204,000,000. As a result of the policy of building reserves to pay for significant upgrades to the water system, the reserve fund for the Water Treatment Plant will cover 50% of the cost by the time of completion in 2005.

The main stages of the water treatment plant development comprise the following:

- Phase 2 Pilot Testing
- Conceptual Design
- Decision to (not) proceed with Water Treatment
- Preliminary Design and Land Acquisition
- Environmental Approvals
- Decision on the use of Public/Private Partnership
- Functional and Detail Design
- Construction/Commissioning

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: GWWD Railway Bridge Replacement

Centre No: 51yy1207xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water Supply
(5C-11)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		900			530				530	1,430
Funded by:										
Waterworks System Fund Retained Earnings					530				530	530
Debenture		900								900

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		600	300		400	130				1,430
Funded by:										
Waterworks System Fund Retained Earnings					400	130				530
Debenture		600	300							900

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)			
	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	21	71	90
Surplus/(Deficit) in Current Budget	(21)	(71)	(90)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The project involves the replacement of two timber bridges with salvaged steel bridges. The timber in the bridges is rotting with age. The bridges are located at mile 64.1 (Haddashville) and Mile 77.7 (East Braintree) along the Greater Winnipeg Water District Railway. Based on an initial assessment in 1991 and follow-up monitoring and assessment, the timber bridge at Haddashville is required to be replaced by 1999 and the timber bridge at East Braintree in 2002.

The GWWD Railway line, which parallels the main aqueduct from Winnipeg to Shoal Lake, provides for maintenance of the aqueduct along its entire length and delivery of vital goods and services to Shoal Lake required to protect the quality and safety of the City's water supply.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Lagimodiere Boulevard Feedermain

Centre No: 51yy0707xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water
Distribution (5C-12)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,300	1,300	1,300
Funded by:										
Waterworks System Fund Retained Earnings								1,300	1,300	1,300

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,300		1,300
Funded by:										
Waterworks System Fund Retained Earnings								1,300		1,300

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The funds included for the project are to increase the level of water service and fire protection to the Island Lakes area and permit further development. The development agreement has identified a school site within the proposed development that requires the extension of this feedermain to provide the required fire protection.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: McPhillips Pumping Station - Natural Gas Engine Replacement

Centre No: 51yy0607xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water Supply
(5C-11)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,000	1,000	1,000
Funded by:										
Waterworks System Fund Retained Earnings								1,000	1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,000		1,000
Funded by:										
Waterworks System Fund Retained Earnings								1,000		1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The McPhillips Pumping Station has two natural gas engine driven pumps which are approximately thirty years old and are requiring more frequent and extensive repairs. The cost of the repairs is becoming substantive such that replacement of at least one unit will be necessary in this timeframe.

Funding is for the engineering and the supply and replacement of one engine and pump.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: MacLean Pumping Station - Natural Gas Engine Replacement

Centre No: 51yy0607xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water Supply
(5C-11)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,000	1,000	1,000
Funded by:										
Waterworks System Fund Retained Earnings								1,000	1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,000		1,000
Funded by:										
Waterworks System Fund Retained Earnings								1,000		1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The MacLean Pumping Station has two natural gas engine driven pumps which are approximately thirty years old and are requiring more frequent and extensive repairs. The cost of the repairs is becoming substantive such that replacement of at least one unit will be necessary in this timeframe.

Funding is for the engineering and the supply and replacement of one engine and pump.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Branch 1 Aqueduct - Seine River Crossing Bank Stabilization

Centre No: 51yy0407xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water Supply
(5C-11)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								500	500	500
Funded by:										
Waterworks System Fund Retained Earnings								500	500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								250	250	500
Funded by:										
Waterworks System Fund Retained Earnings								250	250	500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A comprehensive condition assessment of the Branch 1 Aqueduct reach of the Shoal Lake Aqueduct (Deacon Reservoir to the McPhillips Pumping Station and Reservoir) was undertaken for its entire length from the Fall of 1994 to the Spring of 1996. A program to assess the stability of the riverbanks adjacent to the Branch 1 Aqueduct where it crosses the Seine River commenced in early 1997. Downslope movement of the east riverbank has been recorded since that time and internal structural inspections of the Aqueduct has not revealed any distress of the pipe as yet. If the trend of observed riverbank movement continues, the Aqueduct will inevitably be impacted along the east riverbank. A riverbank monitoring program is ongoing to track the movement.

Funding is for engineering and the construction of riverbank stabilization works.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Water SCADA Replacement

Centre No: 51yy0607xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water Supply
(SC-11)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,275	1,275	1,275
Funded by:										
Waterworks System Fund Retained Earnings								1,275	1,275	1,275

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,275		1,275
Funded by:										
Waterworks System Fund Retained Earnings								1,275		1,275

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The existing water supervisory control and data acquisition (SCADA) computer hardware and software components are becoming obsolete, as they are no longer available nor supported and as new technology, equipment and software become the industry standard. With a fully automated water system, computer hardware and software replacement are essential for the supply and distribution of water.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Land Based Information System

Centre No: 51yy1507xx

Program/Service: Information Stewardship/Departmental
Information Management

Capital Priority Rating: Priority Points 2 - 2

Plan Winnipeg Indicator: Declaration of Commitment
Ensure Quality Service (1D-01)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		425	125						125	550
Funded by:										
Waterworks System Fund Retained Earnings			125						125	125
Debenture		425								425

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		425	125							550
Funded by:										
Waterworks System Fund Retained Earnings			125							125
Debenture		425								425

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges	15	43	43
Surplus/(Deficit) in Current Budget	(15)	(43)	(43)

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The purpose of this project is three-fold: to replace the existing LBIS infrastructure support "operating facilities management" (OPFM) application, to add customer service information (graphics and database) to the LBIS, and to review the accuracy of the existing data.

The OPFM application provides the department with the capability to add, update and display the installed water and sewer infrastructure. The existing software that this system is based on is no longer available nor supported, and is being replaced by Corporate Services. The funds requested will be used to acquire replacement applications, customize the applications for our usage, provide consulting support in the design and implementation of the applications and convert the existing database to the new application.

Secondly, the funds will also be used to add customer service connections to the LBIS graphics and database. Currently, information on customer services is located in the customer billing system, and is not linked in any way to the LBIS; therefore, graphical display, query and analysis are not possible. Benefits would include better asset management of the City's portion of service connections, increased efficiencies in daily operations, and increased customer service levels.

Thirdly, the funds will be used to assist in the resolution of the accuracy and completeness of the water and sewer data, both graphic and database.

The funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Computerized Work Management System

Centre No: 51yy1407xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Stabilize Expenditures (2B - 02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	710	1,250	1,400	125		125	125		1,775	3,025
Funded by:										
Waterworks System Fund			1,400	125		125	125		1,775	1,775
Retained Earnings										
Debenture		1,250								1,250

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		1,250	1,400	125		125	125			3,025
Funded by:										
Waterworks System Fund			1,400	125		125	125			1,775
Retained Earnings										
Debenture		1,250								1,250

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures	50	(716)	(1,039)
Increase in Debt and finance charges	44	125	125
Surplus/(Deficit) in Current Budget	(94)	591	914

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A Computerized Work Management System is an enabler for the Regional Operations and Local Water and Sewer Divisions to implement improvements to the existing work practises resulting in the more effective delivery of municipal services. The Project is expected to achieve cost reductions in the current budget to offset the operating and maintenance costs of other initiatives such as wastewater disinfection, odour control and watermain swabbing. The cost of supporting the proposed computer system is also expected to be offset by operational savings. The Computerized Work Management System will replace the 30 year old Maintenance Management System currently being used by the Local Water and Sewer Division for tracing crew performance and budget information. The funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The Project goals endeavour to meet the expectations outlined in the Reinventing Government directive produced by the Executive Policy Committee.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Pumping Stations - Chlorine Vent Scrubbers

Centre No: 51yy0607xx

Program/Service: Public Health/Water Production &
Distribution (Potable)

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain and Supplement Water
Distribution (5C-12)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						200	800		1,000	1,000
Funded by:										
Waterworks System Fund Retained Earnings						200	800		1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						200	800			1,000
Funded by:										
Waterworks System Fund Retained Earnings						200	800			1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)			
	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Regulating trends in the U.S.A. are requiring that ventilation systems from chlorine feed and containment facilities scrub discharge air to remove chlorine compounds prior to emission to the atmosphere. In anticipation of similar requirements being instituted in Canada, funds have been identified to provide for vent scrubbing at the first of the City's three regional water pumping stations. Funding for the remaining stations will be identified in subsequent budget years.

WATER & WASTE DEPARTMENT - WATERWORKS SYSTEM FUND

Project Name: Watermain Renewals

Centre No: 52yy21xxxx

Program/Service: Physical Assets Stewardship/Departmental
Physical Asset Management

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Provide Infrastructure Maintenance and
Renewal (5C-38)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		6,500	6,500	6,500	6,500	6,500	6,500	6,500	39,000	45,500
Funded by:										
Watermain Renewal Reserve-										
Watermain										
Frontage Levy		6,500	6,500	6,500	6,500	6,500	6,500	6,500	39,000	45,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		6,500	6,500	6,500	6,500	6,500	6,500	6,500		45,500
Funded by:										
Watermain										
Renewal Reserve-										
Watermain										
Frontage Levy		6,500	6,500	6,500	6,500	6,500	6,500	6,500		45,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project is a continuing program to replace deteriorating watermain in order to reduce the occurrence of watermain leaks. A portion of the funding will also be used for cathodic protection of cast and ductile iron watermain. Correction of dead end mains, substandard mains, hydrant renewals/additions and hydraulic improvements for fire protection purposes will also be funded by this project.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Grit Handling Upgrade - North End Water Pollution Control Centre (NEWPCC)

Centre No: 51yy0212xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	200	1,400		2,500					2,500	3,900
Funded by:										
Sewage Disposal System Fund										
Retained Earnings		1,400		2,500					2,500	3,900

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		1,400		1,250	1,250					3,900
Funded by:										
Sewage Disposal System Fund										
Retained Earnings		1,400		1,250	1,250					3,900

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase (Decrease)			
Less: Increase (Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus (Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Funds included are for construction of the replacement of the grit collection and handling systems within the pre-aeration/grit removal pretreatment area of the NEWPCC. The existing systems are approximately 30 years old, are prone to breakdowns and require frequent repair for which replacement parts are difficult to obtain.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Primary Clarifier Covers - NEWPCC

Centre No: 51yy0213xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 1

Plan Winnipeg Indicator: Regional Services and Facilities
Control Odour (5C-19)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	600			300	6,900				7,200	7,200
Funded by:										
Sewage Disposal System Fund										
Retained Earnings				300	6,900				7,200	7,200

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				300	3,000	3,900				7,200
Funded by:										
Sewage Disposal System Fund										
Retained Earnings				300	3,000	3,900				7,200

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The three uncovered primary clarifiers of the NEWPCC has been identified as one of the remaining sources of odour at the site. The results of the odour audit conducted at the treatment facility in 1993 and 1994 have indicated however that the uncovered primary clarifiers are a low priority for mitigation compared to other more persistent and intense odour sources. Funding requirements for covering the primary clarifiers have therefore been deferred to permit completion of other odour mitigation work. Following mitigation of more persistent and intense odour sources, site odours will again be assessed to determine the necessity for covering the primary clarifiers from an odour control standpoint. Covering the clarifiers is also favoured to facilitate operational flexibility and maintenance.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Wastewater Disinfection - NEWPCC

Centre No: 51yy0217xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Consider Use of Disinfection (5C-18)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	133			6,480	8,520				15,000	15,000
Funded by:										
Environmental Reserve				6,480	8,520				15,000	15,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				867	9,380	4,753				15,000
Funded by:										
Environmental Reserve				867	9,380	4,753				15,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)				1999	2000	2001
Revenue Increase/(Decrease)						
Less: Increase/(Decrease) in Operating Expenditures						
Increase in Debt and finance charges						
Surplus/(Deficit) in Current Budget				0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Upon completion of Public Hearings concerning surface water quality objectives for the Red and Assiniboine Rivers, the Clean Environment Commission made recommendations in June 1992 to the Minister of Environment, which were adopted in 1993, which would necessitate disinfection of effluent from the three regional wastewater treatment plants in Winnipeg prior to discharge to the Red and Assiniboine Rivers. Implementing disinfection will address a long standing criticism of the City's pollution control initiatives and will result in compliance with the objectives during dry weather periods. Implementation of the recommendations will require funding for Engineering and Construction.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Chlorine Containment and Vent Scrubber - NEWPCC

Centre No: 51yy0216xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 1

Plan Winnipeg Indicator: Regional Services and Facilities
Control Odour (5C-19)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)						200	2,800		3,000	3,000
Funded by:										
Sewage Disposal System Fund										
Retained Earnings						200	2,800		3,000	3,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						200	2,800			3,000
Funded by:										
Sewage Disposal System Fund										
Retained Earnings						200	2,800			3,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Chlorine is added at the headworks of the NEWPCC as one of the means of controlling the adverse effects of nuisance odour emissions in the adjoining community. Recent pilot odour control investigations at the NEWPCC have resulted in a recommendation to increase the chlorine application rate. Chlorine is currently transported to the NEWPCC site and fed from rail tank cars. With increased application rates, the number of tank cars will approximately double. In consideration of the increased chlorine usage and emerging regulatory requirements, funds are required to provide containment for the railway tank cars and scrubbing of ventilation air from the containment facility prior to discharge to the atmosphere.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: High River Level (Flood) Protection - NEWPCC

Centre No: 51yy0207xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								750	750	750
Funded by:										
Sewage Disposal System Fund								750	750	750
Retained Earnings										

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								750		750
Funded by:										
Sewage Disposal System Fund								750		750
Retained Earnings										

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Under high river level conditions, the outlet capacity of the NEWPCC is limited which correspondingly reduces the ability to handle wastewater flows received at the facility. Modifications to the outfall piping are required to permit pumping at full capacity during high river levels to minimize the possibility of basement flooding within areas contributing to the NEWPCC.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: High River Level (Flood) Protection - South End Water Pollution Control Centre (SEWPCC)

Centre No: 51yy0307xx

Program/Service: Public Health/Wastewater Collection, Treatment & Disposal

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities Control Water Pollution (5C-17)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					2,000				2,000	2,000
Funded by:										
Sewage Disposal System Fund										
Retained Earnings					2,000				2,000	2,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					2,000					2,000
Funded by:										
Sewage Disposal System Fund										
Retained Earnings					2,000					2,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase (Decrease)			
Less: Increase (Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Under high river level conditions, the outlet capacity of the SEWPCC is limited which correspondingly reduces the ability to handle wastewater flows received at the facility. Modifications to the outfall piping are required to permit pumping at full capacity during high river levels to minimize the possibility of basement flooding within areas contributing to the SEWPCC.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Capacity Study/Preliminary Engineering - SEWPCC

Centre No: 51yy0311xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (SC-17)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				200	500	1,500	1,500		3,700	3,700
Funded by:										
Sewage Disposal System Fund										
Retained Earnings				200	500	1,500	1,500		3,700	3,700

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				200	500	1,500	1,500			3,700
Funded by:										
Sewage Disposal System Fund										
Retained Earnings				200	500	1,500	1,500			3,700

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)			
	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

It is projected that the primary clarification operation will be at or near capacity by the year 2005 and that the secondary treatment process will be at capacity early in the next century at the SEWPCC. The funds budgeted are to undertake a capacity study to confirm that the plant expansion is necessary, and to commence preliminary engineering.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Primary Clarifier Expansion - SEWPCC

Centre No: 51yy0313xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					250	8,500			8,750	8,750
Funded by:										
Sewage Disposal System Fund										
Retained Earnings					250	8,500			8,750	8,750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					250	4,500	4,000			8,750
Funded by:										
Sewage Disposal System Fund										
Retained Earnings					250	4,500	4,000			8,750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

It is projected that by the year 2005 the primary clarifier operation at the SEWPCC will be at or near capacity. The funds budgeted are to undertake engineering design and construction of an additional primary clarifier. The requirement for the additional primary clarifier will be confirmed during undertaking of a capacity study on the SEWPCC process components including performance testing. (Under separate budget item).

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Wastewater Disinfection - West End Water Pollution Control Centre (WEWPCC)

Centre No: 51yy0417xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Consider Use of Disinfection (5C-18)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	520			800	980	950			2,730	2,730
Funded by:										
Environmental Reserve				800	980	950			2,730	2,730

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					980	1,750				2,730
Funded by:										
Environmental Reserve					980	1,750				2,730

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Upon completion of Public Hearings concerning surface water quality objectives for the Red and Assiniboine Rivers, the Clean Environment Commission made recommendations in June 1992 to the Minister of Environment, which were adopted in 1993, which would necessitate disinfection of effluent from the three regional wastewater treatment plants in Winnipeg prior to discharge to the Red and Assiniboine Rivers. Implementing disinfection will address a long standing criticism of the City's pollution control initiatives and will result in compliance with the objectives during dry weather periods. Implementation of the recommendations will require funding for Engineering and Construction.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Lift Station Upgrading

Centre No: 51yy0607xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Collection System (5C-24)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	4,943	250	250	250	250	250	250	250	1,500	1,750
Funded by:										
Sewage Disposal System Fund										
Retained Earnings		250	250	250	250	250	250	250	1,500	1,750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		250	250	250	250	250	250	250		1,750
Funded by:										
Sewage Disposal System Fund										
Retained Earnings		250	250	250	250	250	250	250		1,750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project is part of a continuing program for mitigating hydraulic, structural, safety, odour and aesthetic problems as required at the 95 lift stations and related works in the sewage collection system. For maximum effectiveness the program must be on a planned and continuous basis.

The Water and Waste Department has determined that the level of funding to maintain the existing lift stations is estimated at \$250,000 per year. Due to the cyclical nature of maintenance requirements, the program is assessed on an annual basis and budget requirements may be adjusted in the future according to need.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Perimeter Road Pumping Station - Pump Upgrade

Centre No: 51yy0607xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Collection System (SC-24)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)				500					500	500
Funded by:										
Sewage Disposal System Fund										
Retained Earnings				500					500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)				500						500
Funded by:										
Sewage Disposal System Fund										
Retained Earnings				500						500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project is required for replacement of an aged diesel driven stand-by pump at this pumping facility. This station pumps all wastewater from the Charleswood and St. James-Assiniboia areas to the WEWPCC. In the event of a power outage, this pump is the sole method of conveying wastewater to the plant. Because of its age, replacement is required to improve reliability and minimize the possibility of basement flooding and spills of raw sewage to the Assiniboine River.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Provencher Bridge - Reconstruction of Dumoulin Forcemain

Centre No: 51yy0607xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 4

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Collection System (5C-24)

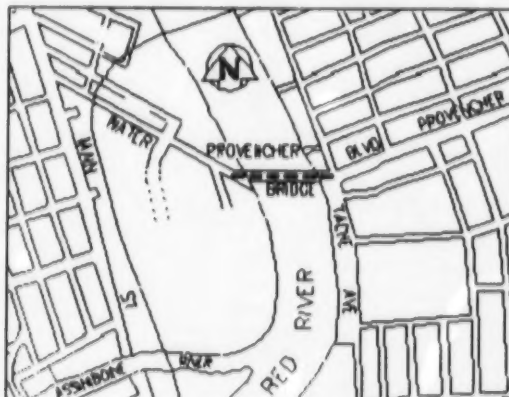
AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)			500						500	500
Funded by:										
Sewage Disposal System Fund										
Retained Earnings			500						500	500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			500							500
Funded by:										
Sewage Disposal System Fund										
Retained Earnings			500							500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

Reconstruction of the Provencher Bridge is scheduled to commence in the Year 2000. A wastewater forcemain exists across the existing Provencher Bridge which conveys pumped wastewater flows from St. Boniface on the east side of the Red River to the Interceptor system on the west side of the Red River. Funding included is to reconstruct a forcemain across the river within the new bridge structure.



WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Fort Garry Interceptor - McGillivray/Kenaston Extension

Centre No: 51yy0707xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 1

Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (SC-17)

AUTHORIZATION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's) (See Note)						1,620			1,620	1,620
Funded by:										
Sewage Disposal System Fund						1,620			1,620	1,620
Retained Earnings										

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)						1,620				1,620
Funded by:										
Sewage Disposal System Fund						1,620				1,620
Retained Earnings										

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The funds budgeted are for engineering design and construction of an extension to the Fort Garry Interceptor Sewer from its present terminus at McGillivray Boulevard and Dovercourt Drive. The extension will proceed westerly along McGillivray Boulevard and then northerly along Kenaston Boulevard to provide regional wastewater servicing for projected development west of Kenaston Boulevard.

Note: This project was revised by Council January 26, 2000 increasing the project cost to \$3.4 million and advancing it to the year 2000. Increased financing comes from the Sewage Disposal System Fund Retained Earnings. The figures provided above reflect those as at the date Council adopted the capital budget on December 16, 1999.



WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Regional Sewer Engineering & Renewal Program

Centre No: 51yy0707xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Collection System (5C-24)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	1,003		585						585	585
Funded by:										
Sewage Disposal System Fund			585						585	585
Retained Earnings										

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			200	385						585
Funded by:										
Sewage Disposal System Fund			200	385						585
Retained Earnings										

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This program is to assess the condition of interceptors and large trunk sewers. This assessment is required to determine structural integrity as well as the presence of groundwater inflow. Reducing extraneous flow is important in reducing wastewater treatment costs and deferring future plant expansions by reducing flows. In addition, the structural condition assessment will result in confirming the availability of these regional sewers for storage of combined sewage during rainfall events in order to reduce overflows.

Based on the conditions found, an annual program will be proposed that will consist of TV and visual inspection, soils analyses, and remedial measures to the infrastructure as required.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation

Centre No: 51yy0807xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Develop a Combined Sewer Overflow
Management Plan (5C-25)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	5,370	750	1,000	1,000	1,000	5,000	5,000	5,000	18,000	18,750
Funded by:										
Environmental Reserve		750	1,000	1,000	1,000	5,000	5,000	5,000	18,000	18,750

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)			250	1,750	1,750	5,000	5,000	5,000		18,750
Funded by:										
Environmental Reserve			250	1,750	1,750	5,000	5,000	5,000		18,750

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A study is being undertaken to assess the water quality impacts of combined sewer overflows on the receiving streams. This study will include quantifying the volumes and strengths of the combined sewer overflows and assessing the costs and effectiveness of various methods of dealing with the combined sewers, leading to a recommended long term implementation plan.

Funds budgeted are for a program which conforms to the Clean Environment Commission recommendation for surface water quality objectives. The study will require annual monitoring programs and may include automated data logging and pilot studies. In addition, funds are included for remedial works which can be implemented prior to study completion which result in immediate benefits.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Warde Interceptor - Development Agreement Payback

Centre No: 51yy0907xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 3 - 2

Plan Winnipeg Indicator: Regional Services and Facilities
Control Water Pollution (5C-17)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)					557				557	557
Funded by:										
Sewage Disposal System Fund										
Retained Earnings					557				557	557

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)					557					557
Funded by:										
Sewage Disposal System Fund										
Retained Earnings					557					557

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The provision for development agreement payback is an allowance for the City to repay developers who bridge finance the installation of oversized services at a time when City capital funding is not provided. The policy guideline for bridge financing was defined in the previous version of the development Agreement Parameters and was again incorporated in the most recent version of the Parameters which was adopted by Council on June 21, 1989.

The budgeted funds are for payment for construction of a wastewater interceptor sewer along Warde Avenue. A specific developer has not been identified at this time.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Wastewater Collection SCADA System

Centre No: 51yy0607xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Maintain Collection System (5C-24)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								2,500	2,500	2,500
Funded by:										
Sewage Disposal System Fund										
Retained Earnings								2,500	2,500	2,500

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,250	1,250	2,500
Funded by:										
Sewage Disposal System Fund										
Retained Earnings								1,250	1,250	2,500

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A supervisory control and data acquisition (SCADA) system is required for the wastewater collection system to enable efficient and effective provision of the service, consistent with the wastewater treatment and water supply and distribution services. The technology will enable remote monitoring and control, increase reliability of the service and reduce attendance by work crews.

The SCADA system will be applied to remote wastewater pumping stations, flood pumping stations and other critical monitoring points. Monitoring and control requirements which may result from the future combined sewer overflow regulatory process may be required in addition to the program identified herein.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Inflow/Infiltration/Cross-Connection Study and Mitigation

Centre No: 51yy0807xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 3 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Control Extraneous Flow (5C-22)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								2,000	2,000	2,000
Funded by:										
Sewage Disposal System Fund								2,000	2,000	2,000
Retained Earnings										

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								2,000		2,000
Funded by:										
Sewage Disposal System Fund								2,000		2,000
Retained Earnings										

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project involves locating and identifying sources of the extraneous flows entering the sewer system, and installing mitigative measures such that basement flooding is minimized during high river levels. During high river levels, several areas of the City have been identified where land drainage sewer system cross-connections may exist with the wastewater sewer system. Further, areas where other sources of extraneous flow (such as inflow and infiltration) are suspected, will be investigated.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Sewer System Isolation in Areas Protected by Secondary Dikes

Centre No: 51yy0807xx

Capital Priority Rating: Priority Points 3 - 3

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Plan Winnipeg Indicator: Regional Services and Facilities
Control Extraneous Flow (5C-22)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)								1,000	1,000	1,000
Funded by:										
Sewage Disposal System Fund										
Retained Earnings								1,000	1,000	1,000

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)								1,000		1,000
Funded by:										
Sewage Disposal System Fund										
Retained Earnings								1,000		1,000

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project involves isolating the sewer system in areas protected by secondary dikes, from the remainder of the sewer system behind the primary dikes. This will involve one of three types of work for different locations:

1. installation of gate valves on the house sewer connection;
2. installation of sump pits and pumps and backwater valves in each property, or;
3. Installation of parallel sewer mains in streets.

The purpose of installing these works is to prevent complete flooding of a sewer district behind a primary dike should a secondary dike breach occur and flood the properties between the secondary and primary dikes.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Land Based Information System

Centre No: 51yy1507xx

Program/Service: Information Stewardship/Departmental
Information Management

Capital Priority Rating: Priority Points 2 - 2

Plan Winnipeg Indicator: Declaration of Commitment
Ensure Quality Service (1D-01)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		425	125						125	550
Funded by:										
Sewage Disposal System Fund										
Retained Earnings		425	125						125	550

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		425	125							550
Funded by:										
Sewage Disposal System Fund										
Retained Earnings		425	125							550

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

The purpose of this project is three-fold: to replace the existing LBIS infrastructure support "operating facilities management" (OPFM) application, to add customer service information (graphics and database) to the LBIS, and to review the accuracy of the existing data.

The OPFM application provides the department with the capability to add, update and display the installed water and sewer infrastructure. The existing software that this system is based on is no longer available nor supported, and is being replaced by Corporate Services. The funds requested will be used to acquire replacement applications, customize the applications for our usage, provide consulting support in the design and implementation of the applications and convert the existing database to the new application.

Secondly, the funds will also be used to add customer service connections to the LBIS graphics and database. Currently, information on customer services is located in the customer billing system, and is not linked in any way to the LBIS; therefore, graphical display, query and analysis are not possible. Benefits would include better asset management of the City's portion of service connections, increased efficiencies in daily operations, and increased customer service levels.

Thirdly, the funds will be used to assist in the resolution of the accuracy and completeness of the water and sewer data, both graphic and database.

The funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Computerized Work Management System

Centre No: 51yy1407xx

Program/Service: Public Health/Wastewater Collection,
Treatment & Disposal

Capital Priority Rating: Priority Points 5 - 3

Plan Winnipeg Indicator: Regional Services and Facilities
Stabilize Expenditures (2B-02)

AUTHORIZA-TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)	910	1,250	1,400	125		125	125		1,775	3,025
Funded by:										
Sewage Disposal System Fund										
Retained Earnings		1,250	1,400	125		125	125		1,775	3,025

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		1,250	1,400	125		125	125			3,025
Funded by:										
Sewage Disposal System Fund										
Retained Earnings		1,250	1,400	125		125	125			3,025

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase (Decrease)			
Less: Increase/(Decrease) in Operating Expenditures	50	(716)	(1,039)
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	(50)	716	1,039

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

A Computerized Work Management System is an enabler for the Regional Operations and Local Water and Sewer Divisions to implement improvements to the existing work practises resulting in the more effective delivery of municipal services. The Project is expected to achieve cost reductions in the current budget to offset the operating and maintenance costs of other initiatives such as wastewater disinfection, odour control and watermain swabbing. The cost of supporting the proposed computer system is also expected to be offset by operational savings. The Computerized Work Management System will replace the 30 year old Maintenance Management System currently being used by the Local Water and Sewer Division for tracing crew performance and budget information. The funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The Project goals endeavour to meet the expectations outlined in the Reinventing Government directive produced by the Executive Policy Committee.

WATER & WASTE DEPARTMENT - SEWAGE DISPOSAL SYSTEM FUND

Project Name: Wastewater Sewer Renewals

Centre No: 52yy210xxx

Program/Service: Physical Assets Stewardship/

Departmental Physical Asset Management

Capital Priority Rating: Priority Points 5 - 2

Plan Winnipeg Indicator: Regional Services and Facilities

Provide Infrastructure Maintenance and
Renewal (5C-38)

AUTHORIZA- TION	Previous Budget	Adopted 1999	Adopted 2000	2001	2002	2003	2004	2005	6 Year Total	7 Year Total
Project Cost (\$000's)		420	420	420	420	420	420	420	2,520	2,940
Funded by:										
Wastewater Sewer Renewal Reserve - Sewer Frontage Levy		420	420	420	420	420	420	420	2,520	2,940

CASH FLOW		1999	2000	2001	2002	2003	2004	2005	Beyond 2005	Total Costs
Project Cost (\$000's)		420	420	420	420	420	420	420		2,940
Funded by:										
Wastewater Sewer Renewal Reserve - Sewer Frontage Levy		420	420	420	420	420	420	420		2,940

NET IMPACT ON THE CURRENT BUDGET (based on above authorizations and cash flow only)	1999	2000	2001
Revenue Increase/(Decrease)			
Less: Increase/(Decrease) in Operating Expenditures			
Increase in Debt and finance charges			
Surplus/(Deficit) in Current Budget	0	0	0

Net impact on Current Budget = Revenue - Operating expenditures - Debt and finance charges

This project is a continuing program to renew deteriorating wastewater sewers. Sewers will be replaced or repaired using appropriate sewer rehabilitation technology, based on the condition assessment determined through inspection.



The City of Winnipeg

Exhibits

2000 Annual Capital Estimates

and

2001 to 2005 Five-Year Capital Forecast

Adopted by Council on December 16, 1999

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Exhibit 1: Excerpts From The City of Winnipeg 1998 Detailed Financial Statements, The General Capital Fund

The General Capital Fund was created to account for tax-supported capital transactions of The City of Winnipeg (The City). The capital program includes, but is not limited to, the acquisition and/or construction of streets, bridges, land drainage, parks and recreation facilities, police and fire department facilities, library facilities, civic buildings, major computer programs and related equipment and local improvements to name a few.

By March 31 of each year, Council is required under **The City of Winnipeg Act** to approve a budget for the General Capital Fund. The 1998 budget for the General Capital Fund of \$93.1 million was a 51.5% increase from the 1997 budget of \$61.5 million. As a result of the increase in the capital program, capital expenditures in 1998 relating to 1998 and previous years capital budgets, increased from \$82.6 million in 1997 to \$99.9 million in 1998.

Costs incurred on the Main/Norwood bridge project in 1998 were \$13.9 million, compared to \$18.7 million in 1997. This project has an expected completion date in July of 1999 (prior to the commencement of the Pan Am Games), at an estimated cost of \$109.0 million. Costs incurred to date are \$102.3 million. Other significant projects contributing to 1998 expenditures were; \$8.8 million on the York Avenue Underpass/Forks Access project, \$8.7 million on Residential Street Renewal, \$5.7 million on the construction of the Bishop Grandin/Kenaston Highway Connection, \$4.2 million on the cost-sharing Canada/Manitoba Infrastructure Works program, \$1.4 million on the Portage Streetscaping project and \$1.5 million on the Information Systems Adaptation for the Year 2000.

The 1997 "Flood of the Century" resulted in significant reconstruction/repairs required to infrastructure such as streets, railroads and earth dykes. Of the \$99.9 million of 1998 capital expenditures, \$3.1 million were for flood-related reconstruction/repairs to the infrastructure. It is anticipated that \$2.5 million of these costs will be recovered through the Provincial Disaster Financial Assistance program. Costs incurred to date as a result of the 1997 flood are \$6.4 million. The City of Winnipeg has budgeted \$2.2 million for the Riverbank Restoration costs in 1999 of which \$2.0 million is expected to be recovered through the Provincial Disaster Financial Assistance program and is the last of the major repair work to be completed as a result of the 1997 flood.

No debenture (external) tax-supported borrowing authority was approved by Council for 1998. External borrowing authority is forecasted to decrease to \$2.6 million in 2003 from the forecasted \$16.1 million for 1999.

Internal financing from the General Reserve Fund increased in 1998 by 8.84%. The General Reserve Fund is increasing at a rate of about 10% a year with interest charges on capital financing and investment income contributing to the growth of the fund. Yearly internal financing from the General Reserve Fund is forecasted to increase to \$56.4 million in 2003, from \$38.4 million in 1998.

THE CITY OF WINNIPEG GENERAL CAPITAL FUND

FIVE YEAR REVIEW

As at December 31

("\$" amounts in thousands of dollars, except as noted)

	1998	1997	1996	1995	1994
Capital Assets					
Property, plant and equipment					
Streets and bridges	\$ 315,835	\$ 329,307	\$ 331,571	\$ 314,506	\$ 281,780
Special projects	99,611	94,139	95,141	97,938	78,174
Land drainage sewers	84,656	89,041	93,751	94,315	93,703
Culture and recreation	59,739	61,108	62,879	67,490	68,013
Core area initiative	47,113	46,102	45,733	47,725	50,354
Civic accommodations	36,072	38,313	38,851	39,343	36,950
Protection	30,542	27,901	29,502	26,358	24,889
Local improvements	14,109	16,752	20,219	22,629	26,268
Health and social development	12,039	11,720	11,580	13,454	13,378
Convention centre	3,894	4,108	4,311	4,559	1,610
	<u>\$ 703,610</u>	<u>\$ 718,491</u>	<u>\$ 733,538</u>	<u>\$ 728,317</u>	<u>\$ 675,119</u>
% change in capital assets	-2.07%	-2.05%	0.72%	7.88%	-0.15%
Internal Financing					
General Reserve	\$ 179,305	\$ 164,741	\$ 165,098	\$ 150,573	\$ 137,152
Land Operating Reserve	50	95	136	173	226
Total internal financing	<u>\$ 179,355</u>	<u>\$ 164,836</u>	<u>\$ 165,234</u>	<u>\$ 150,746</u>	<u>\$ 137,378</u>
% change in internal financing	8.81%	-0.24%	9.61%	9.73%	9.78%
Debenture Debt					
Outstanding debenture debt	\$ 671,398	\$ 695,650	\$ 638,677	\$ 676,916	\$ 631,238
Sinking fund reserve	(183,590)	(169,843)	(140,192)	(142,650)	(116,431)
Net debenture debt	<u>\$ 487,808</u>	<u>\$ 525,807</u>	<u>\$ 498,485</u>	<u>\$ 534,266</u>	<u>\$ 514,807</u>
% change in net debenture debt	-7.23%	5.48%	-6.70%	3.78%	-0.32%
Capital lease obligation	<u>\$ 11,776</u>	<u>\$ 11,605</u>	<u>\$ 11,449</u>	<u>\$ 11,236</u>	<u>\$ -</u>
Total long-term debt (including capital lease obligation)	<u>\$ 678,939</u>	<u>\$ 702,248</u>	<u>\$ 675,168</u>	<u>\$ 696,248</u>	<u>\$ 652,185</u>
Internal Debt as a % of Total Debt	26.42%	23.47%	24.47%	21.65%	21.06%

THE CITY OF WINNIPEG GENERAL CAPITAL FUND

FIVE YEAR REVIEW - continued

As at December 31

("\$" amounts in thousands of dollars, except as noted)

	1998	1997	1996	1995	1994
Contributions and Transfers					
Province of Manitoba	\$ 34,956	\$ 26,837	\$ 14,239	\$ 29,487	\$ 21,104
Combined Sewer Renewal Reserve	9,805	4,772	9,742	4,302	1,092
Other contributions	7,356	(72)	7,522	69	7,904
Government of Canada	885	7,126	2,066	9,496	6,397
	<u>\$ 53,002</u>	<u>\$ 38,663</u>	<u>\$ 33,569</u>	<u>\$ 43,354</u>	<u>\$ 36,497</u>

Tax-supported Borrowing Authority approved by Council (excluding Transit)

General Reserve	\$ 38,400	\$ 21,522	\$ 33,500	\$ 30,700	\$ 27,100
Debenture	-	18,213	25,801	36,623	36,653
Total	<u>\$ 38,400</u>	<u>\$ 39,735</u>	<u>\$ 59,301</u>	<u>\$ 67,323</u>	<u>\$ 63,753</u>

% change in borrowing authority	-3.36%	-32.99%	-11.92%	5.60%	8.27%
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Total Tax-supported Capital Budget

Tax-supported (excluding Transit)	<u>\$ 93,138</u>	<u>\$ 61,471</u>	<u>\$ 83,868</u>	<u>\$ 94,975</u>	<u>\$ 86,136</u>
% change in tax-supported program	51.52%	-26.71%	-11.69%	10.26%	14.31%

Total Tax-supported Capital Expenditures

Tax-supported capital expenditures (excluding Transit)	<u>\$ 99,904</u>	<u>\$ 82,554</u>	<u>\$ 94,425</u>	<u>\$ 149,596</u>	<u>\$ 83,266</u>
% change in tax-supported program	21.02%	-12.57%	-36.88%	79.66%	9.86%

Tax-supported Borrowing Authority Forecast approved by Council (excluding Transit)

	1999	2000	2001	2002	2003
Debenture	\$ 16,084	\$ 13,994	\$ 9,611	\$ 6,733	\$ 2,581
General Reserve	41,500	44,800	44,800	52,200	56,400
Total	<u>\$ 57,584</u>	<u>\$ 58,794</u>	<u>\$ 54,411</u>	<u>\$ 58,933</u>	<u>\$ 58,981</u>
% change in borrowing authority	12.88%	2.10%	-7.45%	8.31%	0.08%

THE CITY OF WINNIPEG GENERAL CAPITAL FUND

STATEMENT OF FINANCIAL POSITION

As at December 31

(in thousands of dollars)

	<u>1998</u>	<u>1997</u>
ASSETS		
Current		
Accounts receivable (Note 3)	\$ 23,050	\$ 18,768
Deferred charges (Note 4)	4,946	7,098
Capital assets (Note 5)	<u>703,610</u>	<u>718,491</u>
	<u>\$ 731,606</u>	<u>\$ 744,357</u>
LIABILITIES		
Current		
Due to General Revenue Fund (Note 6)	\$ 37,980	\$ 29,374
Accounts payable and accrued liabilities (Note 7)	6,218	4,962
Current portion of long-term debt (Note 8)	<u>54,087</u>	<u>54,683</u>
	98,285	89,019
Long-term debt (Note 8)	624,852	647,565
Deferred liabilities	2,606	2,829
Developer deposits	4,818	3,951
Other deposits	<u>1,045</u>	<u>993</u>
	<u>\$ 731,606</u>	<u>\$ 744,357</u>

See accompanying notes and schedule to the financial statements

THE CITY OF WINNIPEG GENERAL CAPITAL FUND

STATEMENT OF CHANGES IN FINANCIAL POSITION

For the years ended December 31

(in thousands of dollars)

	<u>1998</u>	<u>1997</u>
NET INFLOW (OUTFLOW) OF CASH RELATED TO THE FOLLOWING ACTIVITIES:		
OPERATING		
Non-cash charges to operations (recorded in the General Revenue Fund)		
Depreciation	\$ 62,052	\$ 58,938
Amortization of debenture discount	1,627	1,611
Interest on funds on deposit with The Sinking Fund Trustees of The City of Winnipeg ("The Sinking Fund Trustees")	(8,277)	(7,587)
Working capital from operations	55,402	52,962
Net change in working capital other than cash assets	(3,621)	(9,738)
	<u>51,781</u>	<u>43,224</u>
FINANCING		
Debenture issues	-	63,500
Debenture debt retired	(23,728)	(6,126)
Sinking fund investments applied to debt redemption	19,100	1,600
Sinking fund debenture installments	(24,571)	(23,663)
Net increase in other long-term debt	39,044	22,656
Other	(6,169)	(21,832)
	<u>3,676</u>	<u>36,135</u>
INVESTING		
Purchase of capital assets	(99,904)	(82,554)
Government of Canada capital grants	885	7,126
Province of Manitoba capital grants	34,956	26,837
	<u>(64,063)</u>	<u>(48,591)</u>
(Decrease)/increase in cash assets	(8,606)	30,768
Cash assets, beginning of year	(29,374)	(60,142)
Cash assets, end of year	<u>\$ (37,980)</u>	<u>\$ (29,374)</u>
COMPONENTS OF CASH ASSETS		
Due to General Revenue Fund	<u>\$ (37,980)</u>	<u>\$ (29,374)</u>

See accompanying notes and schedule to the financial statements

THE CITY OF WINNIPEG GENERAL CAPITAL FUND

NOTES TO THE FINANCIAL STATEMENTS

As at December 31, 1998

(in thousands of dollars, except as noted)

1. Summary of Significant Accounting Policies

The preparation of periodic financial statements necessarily involves the use of estimates and approximations because the precise determination of financial data frequently depends upon future events. These financial statements have been prepared by management within reasonable limits of materiality and within the framework of accounting policies summarized below.

a) Basis of presentation

The General Capital Fund follows the fund basis of accounting. Funds are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions or limitations. The General Capital Fund was created to account for all financial transactions related to the City's tax-supported capital budget.

b) Basis of accounting

The financial statements are prepared using the accrual basis of accounting.

c) Capital assets

Capital assets, including land, financed by the issue of debentures or internal financing through reserve funds, are recorded at the amount of the related outstanding debt obligations in the General Capital Fund. The interest and principal repayment on the debt is expensed in the General Revenue Fund.

Capital assets acquired under a capital lease, are recorded at the amount of the related obligation under the capital lease. The yearly financing charge is expensed in the General Revenue Fund.

Depreciation is recorded on the basis of reserve debt payments, serial debt payments, capital lease payments, sinking fund installments made and interest earned on the funds on deposit with The Sinking Fund Trustees. The effect of using this policy is that:

- i) all capital assets, including land, financed through reserve funds, capital leases or the issue of debentures, are subject to depreciation, and
- ii) assets are depreciated as they are funded which may not coincide with when the assets are actually put into service.

In certain circumstances, capital project work is charged an administration fee equal to 1% of the total cost of the project to a maximum of \$100 thousand on any individual project. In addition, interim financing charges during the contract period are also capitalized as part of the project cost.

1. Summary of Significant Accounting Policies (continued)

d) Foreign exchange on long-term debt

The current portion of long-term debt and long-term debt payable in foreign currencies are recorded at rates of exchange prevailing at year end. Where this translation of debt results in a difference from the previously recorded amount (i.e. translation gains and losses), the difference is deferred and amortized using a straight line method over the remaining term of the debt.

e) Debenture discount and issue expense

Debenture issue expenses are charged to operations in the year of the related debenture issue. Commencing in 1996, discounts on debentures issued are amortized over the life of the debenture. However, on two debenture issues in 1990, the issue expenses as well as the deep discount on one of the issues are being amortized over the life of the debentures. These costs are recorded in the General Revenue Fund.

f) Deferred liabilities

Under the terms of development agreements, the city is required to repay developers for local improvements installed which benefit property outside the development area.

2. Status of the General Capital Fund

The General Capital Fund was created to account for tax-supported capital transactions of The City of Winnipeg. The capital program includes, but is not limited to, the acquisition and/or construction of streets, bridges, land drainage, parks and recreation facilities, police and fire department facilities, library facilities, civic buildings, major computer programs and related equipment and local improvements, to name a few.

3. Accounts Receivable

	<u>1998</u>	<u>1997</u>
Province of Manitoba	\$ 22,042	\$ 15,877
Government of Canada	979	2,891
Other receivables	29	-
	<u>\$ 23,050</u>	<u>\$ 18,768</u>

4. Deferred Charges

	<u>1998</u>	<u>1997</u>
Deferred debenture expense (Note 8 c)	\$ 4,093	\$ 5,720
Deferred foreign exchange	853	1,378
	<u>\$ 4,946</u>	<u>\$ 7,098</u>

5. *Capital Assets*

	1998	1997
Property, plant and equipment		
Streets and bridges	\$ 315,835	\$ 329,307
Special projects	99,611	94,139
Land drainage sewers	84,656	89,041
Culture and recreation	59,739	61,108
Core area initiative	47,113	46,102
Civic accommodations	36,072	38,313
Protection	30,542	27,901
Local improvements	14,109	16,752
Health and social development	12,039	11,720
Convention centre	3,894	4,108
	<u>\$ 703,610</u>	<u>\$ 718,491</u>

6. *Due to General Revenue Fund*

The City of Winnipeg operates a centralized treasury function with a single operating bank account in the General Revenue Fund. Cash transactions are credited or charged to the "Due (to) from" account in each fund. Consequently, this fund does not have a bank account. The General Capital Fund charges interim financing on individual capital projects and credits the interest to the General Revenue Fund.

7. *Accounts Payable and Accrued Liabilities*

	1998	1997
Trade accounts payable	\$ 3,199	\$ 2,817
Contractors' holdbacks	2,972	2,091
Other accrued liabilities	47	54
	<u>\$ 6,218</u>	<u>\$ 4,962</u>

8. Long-term Debt

Sinking fund debentures outstanding						Amount of Debt	
	Term	Maturity Date	Rate of Interest	Series	By-Law No.	1998	1997
	1978-1998	Feb. 1	9.750	UO	1853/78	\$ -	\$ 17,500
(1)	1990-2000	Nov. 5	11.750	VK	5552/90	61,535	61,535
	1990-2000	Nov. 5	11.775	VK	5553/90	37,900	37,900
	1992-2002	Feb. 19	8.875	VM	5838/92	49,856	49,856
(2)	1988-2003	Feb. 23	10.250	VF	4783/88	69,300	69,300
	1993-2003	May 19	8.500	VP	6163/93	93,907	93,907
	1991-2004	Nov. 1	10.000	VL	5779/91	30,206	30,206
	1990-2005	Oct. 1	11.700	VI	5507/90	40,078	40,078
	1989-2009	Dec. 14	10.000	VH	5286/89	68,065	68,065
	1993-2013	Feb. 11	9.375	VN	6090/93	40,000	40,000
	1994-2014	Jan. 20	8.000	VQ	6300/94	30,500	30,500
	1995-2015	May 12	9.125	VR	6620/95	55,000	55,000
	1997-2017	Nov. 17	6.250	VU	7000/97	30,000	30,000
						606,347	623,847
	Less equity in Sinking Fund (Note 8f)					(183,036)	(168,761)
	Net sinking fund debentures outstanding					423,311	455,086
Other long-term debt outstanding							
	Serial and installment debt issued by the City with varying maturities up to 2007 and a weighted average interest rate of 6.27% (1997 - 6.31%).					65,051	71,803
	Less equity in Sinking Fund (Note 8f)					(554)	(1,082)
						64,497	70,721
	General Reserve debt issued by the City with varying maturities up to 2018 and a weighted average interest rate of 7.62% (1997 - 8.15%).					179,305	164,741
	Capital lease obligation with a maturity date of 2024 (Note 8g)					11,776	11,605
	Land Operating Reserve debt issued by the City, maturing in 1999 with an interest rate of 10.75% (1997 - 10.75%)					50	95
						678,939	702,248

8. Long-term Debt (continued)

Less current portion of debenture debt	(28,841)	(29,198)
current portion of General Reserve debt	(24,207)	(24,452)
current portion of capital lease obligation	(989)	(988)
current portion of Land Operating Reserve debt	(50)	(45)
	<u>(54,087)</u>	<u>(54,683)</u>
Total long-term debt	<u>\$ 624,852</u>	<u>\$ 647,565</u>

(1) issued at deep discount

(2) retractable issue.

Long-term debt to be retired over the next five years:

	1999	2000	2001	2002	2003	Thereafter
Sinking fund debentures	\$ -	\$ 99,435	\$ -	\$ 49,856	\$ 163,207	\$ 293,849
Serial and installment debt	6,400	4,985	5,178	5,382	5,598	37,508
General Reserve	24,207	23,212	19,139	15,363	12,311	85,073
Capital lease obligation	946	893	898	816	792	7,431
Land Operating Reserve	50	-	-	-	-	-
	<u>\$ 31,603</u>	<u>\$ 128,525</u>	<u>\$ 25,215</u>	<u>\$ 71,417</u>	<u>\$ 181,908</u>	<u>\$ 423,861</u>

- a) Sinking fund debenture issues provide for full sinking fund at maturity except for the following debentures which, as a result of the levies being provided and the terms of the issues, will have sinking fund deficiencies requiring the issue to be refinanced at maturity.

Year of Maturity	Debenture By-Law	Issued Amount	Maturity Shortfall
2000	5552/90	61,535	38,316
2000	5553/90	37,900	23,599
2002	5838/92	49,856	21,637
2003	6163/93	93,907	40,635

- b) The long-term debt is payable at maturity in the following currencies:

	1998	1997
Canadian dollars	\$ 860,076	\$ 867,513
United States dollars	\$ 1,600	\$ 3,200

8. Long-term Debt (continued)

- c) Debenture debt issued in United States dollars is recorded at a year-end exchange rate of 1.5333 (1997 - 1.4305). Therefore, the foreign exchange liability at December 31, 1998 on these debentures totalled \$0.9 million (1997 - \$1.4 million). This liability is funded by charges to current operations in the General Revenue Fund.
- d) All debentures are general obligations of the City. Debenture debt is allocated to the General Capital Fund and utilities in the amounts shown in the issuing by-law.
- e) The debenture issues under authority of By-laws 5552/90 and 5553/90 are Canadian dollar private placements in the Japanese market. The related deep discount and fees are being amortized over the life of the issues.
- f) **The City of Winnipeg Act** requires the City to make annual payments to The Sinking Fund. The City is currently paying three percent or greater on its outstanding sinking fund debentures. These annual payments are invested by The Sinking Fund for retirement of the debenture issues on their maturity dates.
- g) Future minimum lease payments under the capital lease together with the balance of the obligation due under the capital lease are as follows:

1999	\$	1,040
2000		1,080
2001		1,195
2002		1,195
2003		1,276
thereafter		<u>31,859</u>
Total future minimum lease payments		37,645
Less: amount representing interest at 10%		<u>(25,869)</u>
Balance of the capital lease obligation	\$	<u><u>11,776</u></u>

9. Contributions and Grants

	1998	1997
Province of Manitoba	\$ 34,956	\$ 26,837
Combined Sewer Renewal Reserve	9,805	4,772
Other contributions	7,357	(72)
Government of Canada	<u>885</u>	<u>7,126</u>
	<u><u>\$ 53,003</u></u>	<u><u>\$ 38,663</u></u>

The above represents contributions and grants towards capital expenditures incurred by the City of Winnipeg.

**THE CITY OF WINNIPEG
GENERAL CAPITAL FUND**

Schedule 1

CAPITAL EXPENDITURES

*For the year ended December 31, 1998
(in thousands of dollars)*

	<u>Capital Expenditures</u>	<u>Amount Unfinanced</u>
General Municipal Purposes		
Streets and bridges	\$ 50,136	\$ 2,270
Special projects	17,894	6,646
Land drainage sewers	13,035	2,125
Core Area Initiative	5,331	3,489
Protection	5,096	1,325
Culture and recreation	3,914	3,113
Health and social development	2,947	2,487
Civic accommodations	1,241	1,027
Local improvements	310	29
	<u>\$ 99,904</u>	<u>\$ 22,511</u>

Administration fees and interim financing charges capitalized during 1998 were \$1.7 million (1997 - \$2.5 million).

Exhibit 2: Excerpts From The City of Winnipeg 1998 Detailed Financial Statements, Reserve Balances

Consolidated reserves consist of the following restricted reserves established under section 338 of
The City of Winnipeg Act (Excerpts from the City of Winnipeg 1998 Detailed Financial Statements):

	1998	1997
General Reserve Fund	\$ 184,292	\$ 170,794
Equipment Replacement Reserve Fund	19,710	14,008
Water Treatment Reserve Fund	14,657	5,341
Pointe Du Bois Generating Station Replacement Reserve Fund	13,556	10,869
Combined Sewer Renewal Reserve Fund	13,047	7,530
Environmental Projects Reserve Fund	10,117	5,671
Watermain Renewal Reserve Fund	8,879	8,320
Insurance Reserve Fund	7,986	6,543
Fiscal Stabilization Reserve Fund	6,763	3,661
Perpetual Maintenance Fund - Brookside Cemetery	6,705	6,165
Transit Bus Replacement Reserve Fund	4,830	5,703
Aqueduct Rehabilitation Reserve Fund	4,790	4,361
Workers Compensation Reserve Fund	4,088	3,289
Mill Rate Stabilization Reserve Fund	3,847	2,947
Land Operating Reserve Fund	3,498	3,967
Contributions in Lieu of Land Dedication Reserve Fund	3,022	2,917
Commitment Reserve Fund	2,115	1,036
Retirement Allowance Reserve Fund	2,074	1,669
Snow Clearing Reserve Fund	1,962	1,241
Golf Course Reserve Fund	1,002	961
Library Reserve Fund	981	608
Zoo Animals Reserve Fund	703	717
Wastewater Sewer Renewal Reserve Fund	463	703
Brady Landfill Rehabilitation Reserve Fund	455	394
Zoo Purposes Reserve Fund	394	453
Perpetual Maintenance Fund - St. Vital Cemetery	339	308
Recreation Programming Reserve Fund	301	358
Idea Bank Reserve Fund	277	6
Perpetual Maintenance Fund - Transcona Cemetery	240	215
Concession Equipment Reserve Fund	131	88
Computer Replacement Reserve Fund	55	83
	<u>321,279</u>	<u>270,926</u>
Other Reserves:		
Winnipeg Housing Rehabilitation Corporation Reserves	1,470	1,391
Winnipeg Enterprises Corporation - Reserve for Major Improvements	306	548
	<u>\$ 323,055</u>	<u>\$ 272,865</u>

Exhibit 3: Capital Priority Rating System

The purpose of the Priority System is to provide a set of criteria by means of which proposed spending programs can be ranked in order of priority on a City-wide basis over the whole range of City functions and activities.

The System recognizes two basic factors, namely, priority of function (priority grouping) and degree of priority (sub-group rating).

		PRIORITY POINTS
<u>PRIORITY GROUPINGS</u>		<u>MAIN</u> <u>SUB</u>
A.	<u>Vital Services</u>	5
Those basic elements of essential services which are vital to the day to day domestic, industrial, and commercial life of the City. Capital expenditures within this group would be related to:		
1) Winnipeg Hydro generating stations, transmission lines, terminal stations and elements of the distribution system.		
2) Sewage Disposal Collection System and treatment facilities.		
3) Water aqueduct reservoirs, pumping stations and trunk feeder mains.		
B.	<u>Essential Services</u>	3
Those basic services characterized by a high degree of public necessity, convenience and safety. Capital expenditures within this group would be related to:		
1) Public Transportation		
2) Fire and Police Protection		
3) Garbage Collection and Disposal		
4) Regional Street System		
5) Land Drainage		

PRIORITY POINTS

PRIORITY GROUPINGS

MAIN

SUB

C. Standard Services

2

Those services which would reasonably be expected to be provided to all citizens of the City for their convenience and in accordance with generally accepted standards. Capital expenditures within this group would be related to:

- 1) Residential Street and Lane Construction (Local Improvements or other).

D. Desirable Services

1

Those services having an aesthetic social, cultural, educational or entertainment value. Capital expenditures within this group would be related to:

- 1) Parks and Related Facilities
- 2) Recreational Facilities
- 3) Libraries
- 4) Museums

Sub-Group Rating

Could cause a serious imminent disruption of service (should be done without undue delay).

4

Would extend or complete the expected usefulness and/or reliability of a facility (should not be delayed for more than 1 year).

3

Would improve a facility which is at present sub-standard or approaching a high degree of obsolescence (should not be delayed for more than 2 years)

2

Would qualify as a minimum sustaining program - desirable but not absolutely essential (could be delayed for 3 years or more).

1

Note: A bonus of up to 2 points may be added to any of the subcategories 1 to 4 for projects that clearly contribute specifically to the City's declared development objectives.

Exhibit 4: Analysis of Borrowing Authority, Sources of Funds, Application of Funds

HISTORICAL ANALYSIS OF BORROWING AUTHORITY (000's)

Capital expenditures are financed from many sources besides borrowing. Following is a breakdown by the major categories for adopted capital budgets for 1995 to 2000.

	Adopted Capital Budgets					
	1995	1996	1997	1998	1999	2000
GROSS CAPITAL FORECAST						
General (including Transit)	97,599	89,467	69,790	103,067	104,075	82,858
Local Improvements	2,480	1,030			259	800
Utilities	57,423	37,844	38,322	30,640	38,089	51,295
TOTAL GROSS CAPITAL FORECAST	157,502	128,341	108,112	133,707	142,423	134,953
LESS AVAILABLE FINANCING						
Prior Borrowing	3,480	2,000	2,900	6,700	3,000	-
General Reserve	30,700	33,500	21,522	38,400	41,500	44,800
Other Reserves	19,851	21,920	26,232	29,044	31,080	37,908
Provincial Funding	23,214	19,239	17,175	35,781	27,444	15,870
Federal Funding					3,000	-
Contribution from Retained Earnings/ Working Capital	4,725	9,164	400	950	5,334	6,485
Other Sources	91	82		3,000	9,000	500
TOTAL AVAILABLE FINANCING	82,061	85,905	68,229	113,875	120,338	105,563
BORROWING AUTHORITY REQUIRED FOR THIS PROGRAM	75,441	42,436	39,883	19,832	22,085	29,390
LESS: NET UTILITY SUPPORTED BORROWING	37,253	14,991	21,020	18,770	22,085	29,390
TAX SUPPORTED BORROWING (EXTERNAL)	38,188	27,445	18,863	1,062	-	-

* Includes Federal/Provincial Disaster Assistance Program Funding

** Transit

HISTORICAL ANALYSIS - SOURCE OF FUNDS (000's)

The following information itemizes all the sources of financing for adopted capital budgets for 1995 to 2000.

	Adopted Capital Budgets					
	1995	1996	1997	1998	1999	2000
NON-DEBENTURE FINANCING AS FOLLOWS:						
Prior Borrowing	2,000	2,000	2,900	6,700	3,000	
1992 Unused Borrowing Authority	1,480					
Reserves:						
General Reserve	30,700	33,500	21,522	38,400	41,500	44,800
Watermain Renewal Reserve	11,200	11,200	7,200	5,000	6,500	6,500
Aqueduct Renewal Reserve	3,380	350	8,500	4,500	2,000	5,000
Water Treatment Reserve	800	1,000	582	-	-	2,500
Combined Sewer Renewal Reserve	3,106	6,231	6,580	14,080	15,580	17,080
Wastewater Sewer Renewal Reserve	65	389	420	420	420	420
Transit Reserve	1,300	2,000	2,750	4,044	4,210	5,408
Environmental Reserve		750	200	1,000	1,750	1,000
Transfer from Idea Bank Reserve					600	
Transfer - 1998 Operating					4,000	
Provincial Funding:						
Urban Capital Projects Allocation I						
Pembina Hwy / La Salle Bridge 1990	669	357				
York St Underpass				3,173		
Urban Capital Projects Allocation II						
<u>City Priorities - Unconditional Grant</u>						
Applied to Tax Supported	4,500	4,500				
<u>Provincial City Priorities</u>						
Pembina Hwy / La Salle Bridge	1,004	944				
Charleswood Bridge	9,581					
Wilkes Blvd - Fairmont to Perimeter	1,249					
Bishop Grandin / Kenaston				4,581		
Unallocated Provincial City Priorities		1,268				
<u>Infrastructure Renewal</u>						
Manitoba / Winnipeg Community Revitalization	750	750				
Transit System - Buses	2,239	2,985				
Unallocated Infrastructure Renewal		566				
Urban Capital Project Allocation III						
<u>City Priorities - Unconditional Grant</u>						
Unallocated UCPA III - Unconditional			3,481	3,177	2,659	2,197
Transit - Regular Transit Buses			1,019	1,823	1,841	2,303
<u>Infrastructure Renewal & Strategic Enhancement</u>						
Transit - Regular Transit Buses			3,000	3,000	3,000	3,000
South Transcona Land Drainage Basin			1,675			
Manitoba / Winnipeg Community Revitalization			375	750	750	1,125
Nairn Avenue, Grey to Panet			1,369			
Sturgeon Road, Saskatchewan to North Limit			187			
Portage Avenue, Woodlawn to Queen			714			
Donald St, Corydon to Stradbrook / Corydon Ave.						
Osborne - Donald			114			
Provencher Bridge			174			
Main / Norwood Bridges			6,703			
Regional Flood Protection Works			82			
Unallocated UCPA III - Infrastructure				6,650	6,175	5,945

HISTORICAL ANALYSIS - SOURCE OF FUNDS (000's)

The following information itemizes all the sources of financing for adopted capital budgets for 1995 to 2000.

	Adopted Capital Budgets					
	1995	1996	1997	1998	1999	2000
(continued)						
Province of Manitoba, Highways Branch						
Pembina Hwy / La Salle Bridge	3,222	2,869				
Provincial Funding for Residential Street Renewals		5,000		5,000	5,000	
Provincial Funding for Millennium Library					3,000	
Province of Manitoba VLT Revenue for Convention Centre						1,300
Provincial Share of Flood Prevention Costs - Flood Rehabilitation				7,528	5,019	
Provincial Share of Flood Prevention Costs - Flood Prevention, Civic Buildings				99		
Federal Funding for Millennium Library					3,000	
Retained Earnings / Working Capital:						
Waterworks System Retained Earnings						3,625
Sewage Disposal System Retained Earnings		4,750	400	950	5,334	2,860
Hydro - Working Capital	4,725	4,414				
Recoveries / Private Funding:						
Developer Capacity Charges	91	82				500
Wpg Library Foundation (Millennium Library)				3,000	5,000	
TOTAL NON-DEBENTURE FINANCING	82,061	85,905	69,947	113,875	120,338	105,563
DEBENTURES:						
Tax Supported - General	36,623	25,801	18,213			
- Transit	1,565	1,644	650	1,062		
Total Tax Supported	38,188	27,445	18,863	1,062	-	-
Other Utilities	37,253	14,991	21,020	18,770	22,085	29,390
TOTAL DEBENTURES	75,441	42,436	39,883	19,832	22,085	29,390
Borrowing Authority in Excess of Requirement*			(1,718)			
TOTAL GROSS CAPITAL	157,502	128,341	108,112	133,707	142,423	134,953

* After adoption of the 1997 estimates, provincial funding under the UCPA agreement was confirmed at a greater amount than had been estimated, resulting in the authorized borrowing being greater than required.

HISTORICAL ANALYSIS - APPLICATION OF FUNDS (000's)

The following information, organized by function, provides a historical analysis of adopted capital budgets for 1995 to 2000.

		Adopted Capital Budget					
		1995	1996	1997	1998	1999	2000
TAX SUPPORTED CAPITAL							
Public Works	- Regional	46,728	36,359	22,230	32,448	11,999	15,360
	- Local	642	6,013	661	13,421	14,650	6,066
	- Special Projects		100	250		350	650
	- Parks & Open Spaces					1,298	839
	- Building Services					1,773	1,162
Land Drainage and Flood Control	- Regional	3,960	3,822	1,442	6,372	9,129	10,359
	- Residential	3,871	5,586	9,880	8,380	9,632	10,530
Parks and Recreation		2,669	2,665	616	155		
Police Department		2,845	2,257	4,468	1,935	2,488	3,750
Emergency Response Services Department		176	1,466	1,676	164	2,122	1,390
	- Watermain	918	1,051	544	519		
Corporate Services	- Special Projects	3,475	3,150	3,185	4,059	6,429	5,216
Community Services	- Special Projects	875	403	868	954	2,633	2,120
	- Libraries	120	226	2,295	4,000	11,000	
Planning, Property and Development							
- Civic Accommodations	- Accommodations	8,835	9,785	1,607	267	2,672	641
	- Special Projects	3,309	455		727	1,531	300
- Planning & Land Use	- MVCRP	1,500	1,500	750	1,500	1,500	2,250
	- Special Projects					1,850	1,250
	- Intergovernmental Agreements (WDA/Core)	2,000	2,000	3,871	1,681	3,342	3,548
- Corporate Programs						532	1,500
Special Projects	- Various Departments	10,572	6,000	7,128	7,528	2,700	4,700
Infrastructure Repair Costs, 1997 Flood					9,028	6,019	
Transit System		5,104	6,629	8,319	9,929	10,426	11,227
Total Tax Supported Capital Excluding Local Improvements		97,599	89,467	69,790	103,067	104,075	82,858
Local Improvements		2,480	1,030			259	800
Total Tax Supported Capital		100,079	90,497	69,790	103,067	104,334	83,658
UTILITY SUPPORTED CAPITAL							
Hydro Electric System		16,425	14,590	20,820	17,790	18,370	29,390
Waterworks System	- Regional	36,183	16,750	16,482	10,480	12,215	17,625
	- Residential	400	415				
Sewage Disposal System	- Regional	4,350	5,050	600	1,950	7,084	3,860
	- Residential	65	839	420	420	420	420
Solid Waste Utility			200				
Total Utility Supported Capital		57,423	37,844	38,322	30,640	38,089	51,295
TOTAL GROSS CAPITAL		157,502	128,341	108,112	133,707	142,423	134,953

Exhibit 5: 1999 Adopted Capital Estimates

<u>CAPITAL PROJECTS SUMMARY</u>		1999 000's
FUNCTION/PROJECT	PLAN WPG. IND.	ADOPTED BY COUNCIL
SUMMARY OF GROSS CAPITAL PROGRAM		
TAX-SUPPORTED		
Local Improvements		259
Public Works		30,070
Water & Waste		18,761
Community Services		12,240
Community Incentive Grants		1,393
Police		2,488
Emergency Response Services		2,122
Property & Development Services		8,085
CAO Secretariat		3,342
City Clerks		100
Corporate Services		6,429
Assessment		1,000
Hydro Street Lighting		100
Non-departmental		7,519
Gross Tax Supported General		93,908
Transit		10,426
Gross Total Tax Supported Including Transit		104,334
UTILITIES		
Hydro Electric System		18,370
Waterworks System		12,215
Sewage Disposal System		7,504
Gross Total Utilities		38,089
GROSS TOTAL CAPITAL PROGRAM		142,423

<u>CAPITAL PROJECTS SUMMARY</u>		1999 000's ADOPTED BY COUNCIL
FUNCTION/PROJECT	PLAN WPG. IND.	
<u>SUMMARY OF BORROWING REQUIREMENTS</u>		
TAX-SUPPORTED		
Local Improvements		259
Public Works		18,070
Water & Waste		3,181
Community Services		1,240
Community Incentive Grants		1,393
Police		2,488
Emergency Response Services		2,122
Property & Development Services		7,335
CAO Secretariat		3,342
City Clerks		100
Corporate Services		6,429
Assessment		1,000
Hydro Street Lighting		100
Non-departmental		2,500
Unallocated Provincial UCPA III		(8,834)
Transfer from Idea Bank Reserve		(600)
Tax Supported General Borrowing (Net of Transit)		40,125
Transit		1,375
TOTAL TAX-SUPPORTED EXTERNAL & INTERNAL BORROWING		41,500
LESS: INTERNAL GENERAL RESERVE BORROWING		(41,500)
TOTAL TAX SUPPORTED EXTERNAL BORROWING		
UTILITIES		
Hydro Borrowing		18,370
Waterworks Borrowing		3,715
TOTAL UTILITY BORROWING		22,085
TOTAL EXTERNAL BORROWING		22,085

<u>CAPITAL PROJECTS SUMMARY</u>		1999 000's ADOPTED BY COUNCIL
FUNCTION/PROJECT	PLAN WPG. IND.	
<u>NON-DEBT & INTERNAL FINANCING:</u>		
TAX SUPPORTED		
Public Works		
- Transfer - 1998 Operating		4,000
- Prior Borrowing for Residential Streets Renewal Program		3,000
- Provincial Contribution for Residential Streets Renewal		5,000
Community Services:		
- Wpg. Library Foundation Contribution to Millennium Library		5,000
- Government of Canada for Millennium Library		3,000
- Province of Manitoba (non UCPA) for Millennium Library		3,000
Property & Development Services:		
- MWCRP Provincial UCPA III Point Douglas		375
- MWCRP Provincial UCPA III West End		375
Non-Departmental:		
- Federal /Provincial Disaster Assistance Program		5,019
Water & Waste Tax Supported:		
- Sewer Frontage Levy - Regional Combined Sewer Flood Relief		6,500
- Sewer Frontage Levy - Combined Sewer Renewals Residential		9,080
Funding Presently Not Allocated to Specific Projects:		
- General Reserve		41,500
- Transfer from Idea Bank Reserve		600
- Unallocated Provincial UCPA III (agreement 1997-2002)		8,834
Transit:		
- Transit Bus Replacement Reserve		4,210
- Transit Bus Replacement - UCPA III		3,000
- Transit Bus Replacement - UCPA III (Unconditional)		1,841
TOTAL TAX SUPPORTED NON-DEBT & INTERNAL FINANCING		104,334
UTILITIES		
Waterworks System:		
- Aqueduct Rehabilitation Reserve		2,000
- Watermain Renewal Reserve		6,500
Sewage Disposal System:		
- Sewage Disposal Retained Earnings		5,334
- Wastewater Sewer Renewal Reserve		420
- Environmental Reserve		1,750
TOTAL UTILITIES NON-DEBT FINANCING		16,004
GRAND TOTAL NON-DEBT & INTERNAL FINANCING		120,338

<u>CAPITAL PROJECTS SUMMARY</u>	PLAN WPG. IND.	1999 000's ADOPTED BY COUNCIL
FUNCTION/PROJECT		
<u>CAPITAL PROJECTS LISTING</u>		
<u>PUBLIC WORKS DEPARTMENT</u>		
LOCAL IMPROVEMENTS - Ongoing Program	5A-01	259
Street Improvements:		
Kenaston Blvd - Academy Rd to Taylor Ave	5C-03	100
McPhillips St - Jefferson Ave to Swailes Ave	5C-03	1,457
Total Street Improvements	...	1,557
Regional Street Renewals:		
Lagimodiere Blvd - Grassie Blvd to North City Limit	5C-01	1,500
Plessis Rd - North of PTH 1 to Dugald Rd	5C-01	529
Fermor Ave	5C-01	774
Total Street Renewals	...	2,803
Waterway Crossings and Grade Separations:		
Main Norwood Bridges - Broadway to Tache Ave		
- General Reserve	5C-03	2,157
- Transfer - 1998 Operating		4,000
Provencher Bridge	5C-03	500
Total Waterway Crossings & Grade Separations		6,657
Traffic Engineering Improvement Various Locations	5C-03	800
Pedestrian and Cycle Facilities - Normal Annual Program	5C-04	182
TOTAL REGIONAL STREETS	...	11,999
LOCAL STREETS		
Residential Street Renewal	5C-38	
- General Reserve		5,500
- Prior Borrowing Authority		3,000
- Provincial Contribution		5,000
Curb Repair Program	5C-38	250
Sidewalk Renewals - 5 Communities, Various	5C-38	900
TOTAL LOCAL STREETS	...	14,650
Asset Management System	5C-01	250
Land Drainage Sewers - 3 Areas, Various	5C-38	100
TOTAL REGIONAL AND LOCAL STREETS (not incl. L.I.)		26,999
TOTAL REGIONAL AND LOCAL STREETS (incl. L.I.)	...	27,258

<u>CAPITAL PROJECTS SUMMARY</u>		1999 000's ADOPTED BY COUNCIL
FUNCTION/PROJECT	PLAN WPG. IND.	
PARKS AND OPEN SPACE		
Reforestation Program - Improvements	6B-03	300
Athletic Fields - Development	6F-01	300
Athletic Fields - Improvements	6F-01	180
Parks - Improvements	5C-44	518
Total Parks and Open Spaces		1,298
BUILDING SERVICES		
Community Centres - Refurbishing and Improvements	4C-01	307
Parking Lots - Improvements	5C-55	528
Building Refurbishing/Improvements - Arenas	6F-01	351
Building Refurbishing/Improvements - Indoor Aquatic Facilities	6F-01	1,480
Building Refurbishing/Improvements - Outdoor Aquatic Facilities	6F-01	107
Building Services	6F-01	(1,000)
Total Building Services		1,773
TOTAL PUBLIC WORKS (not incl L.I.)		30,070
TOTAL PUBLIC WORKS (incl L.I.)		30,329
<u>COMMUNITY SERVICES DEPARTMENT</u>		
Community Incentive Grant Program	6F-01	1,393
Computer Acquisition	1D-01	740
Millennium Library (Conditional Upon Other Funding Being in Place)	5C-53	
- Winnipeg Library Foundation		5,000
- Government of Canada		3,000
- Province of Manitoba (non UCPA)		3,000
Community Computer Access Program	5C-53	500
SUBTOTAL	...	12,240
TOTAL COMMUNITY SERVICES DEPT.	...	13,633
<u>POLICE DEPARTMENT</u>		
Emergency Generator Replacement	5C-51	452
Video Interview Rooms	5C-51	208
Auto Fingerprint Ident. System	5C-51	1,828
TOTAL POLICE	...	2,488

<u>CAPITAL PROJECTS SUMMARY</u>	PLAN WPG. IND.	1999 000's ADOPTED BY COUNCIL
FUNCTION/PROJECT		
<u>EMERGENCY RESPONSE SERVICES DEPARTMENT</u>		
Fire/Ambulance Information Technology Integration	5C-51	530
Radio Trunking System	5C-51	962
Self-Contained Breathing Apparatus Replacement	5C-51	630
TOTAL EMERGENCY RESPONSE SERVICES	...	2,122
<u>PROPERTY & DEVELOPMENT SERVICES DEPARTMENT</u>		
<u>CIVIC ACCOMMODATIONS</u>		
General Building Renovation and Refurbishing	1D-01	200
Civic Buildings, Barrier Free Access	4A-02	104
Removal of Asbestos	5C-55	168
Council Building Redevelopment	5B-04	100
The Strategic Facilities Master Plan / Campus Plan	5A-04	2,100
Total Civic Accommodations		2,672
Special Projects:		
510 Main Street Courtyard Redevelopment	5C-55	400
Energy Conservation	3G-02	206
Tenant Improvement Prepayment, Major Department	6C-09	925
Total Civic Accommodations Special Projects		1,531
Total Civic Accommodations		4,203
<u>PLANNING & LAND USE</u>		
Streetscaping - St Anne's/St Mary's Roads	6B-07	700
Streetscaping Exchange District	6A-03	150
Streetscaping - Defined Locations	6B-07	350
Heritage Building Support Program	6C-01	100
Riverbank Stabilization for City-Owned Riverbanks	3E-05	200
Riverbank Restoration from 1997 Flood (Contingent on 90% Federal/Provincial Disaster Assistance Program Cost Sharing of \$2.2 Million Total Project Costs)	3E-05	200
Riverbank Greenway Programs (Formerly Pathways/Stabilization)	3E-05	150
Subtotal		1,850
Manitoba/Winnipeg Community Revitalization Program (MWCRP):		
Point Douglas MWCRP	5A-01	
- General Reserve		375
- Provincial UCPA III		375
West End MWCRP	5A-01	
- General Reserve		375
- Provincial UCPA III		375
Total Manitoba/Winnipeg Community Revitalization Program	...	1,500
Total Planning and Land Use		3,350

<u>CAPITAL PROJECTS SUMMARY</u>		
FUNCTION/PROJECT	PLAN WPG. IND.	1999 000's ADOPTED BY COUNCIL
Expropriations	5B-02	300
Parks Development - Developer Payback	5C-43	232
Total Corporate Programs		532
TOTAL PROPERTY & DEVELOPMENT		8,085
CAO SECRETARIAT		
Intergovernmental Agreements (former CORE):		
Winnipeg Development Agreement	5A-06	3,342
Total Intergovernmental Agreements		3,342
<u>CITY CLERKS DEPARTMENT:</u>		
Office Automation - City Clerks	4C-01	100
TOTAL CITY CLERKS DEPARTMENT		100
<u>CORPORATE SERVICES DEPARTMENT</u>		
Special Projects:		
Communications Network Infrastructure	7C-01	1,356
Network Computing Initiatives	1D-01	143
Land Based Information System (See Also Related Funding in Waterworks System and Sewage Disposal System Budgets)	7C-01	1,000
Desktop Standardization	7C-01	2,430
Information Systems Adaptation for the Year 2000	1D-01	1,500
TOTAL CORPORATE SERVICES DEPT.		6,429
<u>ASSESSMENT DEPARTMENT:</u>		
Assessment Automation	2B-04	1,000
<u>NON-DEPARTMENTAL PROJECTS:</u>		
Infrastructure Repair Costs, 1997 Flood	5C-38	
- General Reserve		1,000
- Federal/Provincial Disaster Assistance Program		5,019
Winnipeg Enterprises Corporation - Millennium Plan	6F-05	1,500
TOTAL NON-DEPARTMENTAL PROJECTS		7,519

<u>CAPITAL PROJECTS SUMMARY</u>		1999 000's ADOPTED BY COUNCIL
FUNCTION/PROJECT	PLAN WPG. IND.	
<u>TRANSIT DEPARTMENT</u>		
Bus Radio System Replacement with AVL Enhancement	5C-01	100
Regular Transit Buses	5C-01	
- General Reserve		743
- Transit Bus Replacement Reserve		4,210
- Province - UCPA III		3,000
- Province - UCPA III Unconditional		1,841
Fare Collection System	5C-01	100
Innovative Transit Program	5C-02	432
GROSS TRANSIT BUDGET	...	10,426
TRANSIT SUPPORTED GENERAL DEBENTURES	...	1,375
<u>HYDRO ELECTRIC SYSTEM</u>		
<u>Tax Supported Portion - Street Lighting</u>		
Upgrading Lighting Plant on Bridges	6D-03	100
TOTAL HYDRO - TAX SUPP. PROGRAM	...	100
<u>Utilities Supported Portion</u>		
Pointe du Bois Generating Station:		
Replace Stoplog Gates & Hoisting Equipment	5C-55	1,800
Rehabilitate Main Spillway Rollways/Piers and Replace Sluiceways/Hoisting Equipment	5C-55	800
Powerhouse Life Extension Program	5C-55	1,000
Slave Falls Generating Station:		
Repair of North and Creek Spillway Rollways	5C-55	1,400
Rehabilitate Main Unit Headgates/Rollerpaths	5C-55	200
Rehabilitate Sluiceways and Hoisting Equipment	5C-55	250
Upgrade 230 Volt AC Local Service and Provide 600 Volt AC Service	5C-55	250
Distribution - Various Substations:		
Various Substations - Relay System	3A-02	250
Various Substations - Circuit Breakers and Buswork	5C-55	400
All Substations - Communication System	3A-02	250
All Substations - Automated Substation Metering System	3A-02	250
No. 2 Substation - Transformer and Switchgear Installation	5C-55	1,500
No. 3 Substation - Install 69-12kV Transformers	5C-55	300
No. 5 Substation - Man Hydro/Wpg Hydro Interconnection Deferral - Upgrade Scotland Bank 7	5C-55	350
No. 5 Substation - Transmission Upgrade - 138/69 kV Transformer on S1 Line	5C-55	1,000

<u>CAPITAL PROJECTS SUMMARY</u>	PLAN WPG. IND.	1999 000's ADOPTED BY COUNCIL
FUNCTION/PROJECT		
No. 12 Substation - Installation of Transformer, Building & Switchgear	5C-55	1,185
No. 19 Substation - Man. Hydro/Wpg. Hydro Interconnection Upgrade two McPhillips Interconnection Transformers	5C-55	260
Hydro Distribution:		
Emergent Equipment	5C-55	250
Replacement of Overhead Plant	5C-55	100
Supply Load Increases	5C-55	1,100
Supply New Customers /Network System - New Services	2A-07	775
System Improvements & Replacements	5C-55	1,000
Remove Overhead on Stafford, North & South of Taylor	6D-03	250
No. 6 Substation Ductline and Cable	5C-55	610
Miscellaneous:		
Garage Building - Vehicle & Equipment Replacement	5C-55	240
Operating Building - Building Rearrangement - Modifications to Operating Building - 1315 Notre Dame	4F-01	500
System Acquisition and Data Conversion	3A-02	2,100
GROSS HYDRO BUDGET (Utility supported)	...	18,370
HYDRO SUPPORTED DEBENTURES	...	18,370
<u>WATER & WASTE DEPARTMENT</u>		
<u>Tax Supported Portion</u>		
LAND DRAINAGE - REGIONAL		
Combined Sewer Flood Relief: - Sewer Frontage Levy Funding	5C-28	6,500
Impoundment Shoreline Replacement/Upgrading	5C-30	300
Regional Flood Protection	5C-29	529
Flood Activity / Emergency Information System	5C-29	700
Permanent Secondary Dikes (Contingent on 90% Federal/Provincial Contribution on \$40 Million Project)	5C-29	600
Ditch and Culvert Study	5C-38	500
TOTAL LAND DRAINAGE - REGIONAL	...	9,129

<u>CAPITAL PROJECTS SUMMARY</u>		1999 000's ADOPTED BY COUNCIL
FUNCTION/PROJECT	PLAN WPG. IND.	
LAND DRAINAGE - RESIDENTIAL		
Combined Sewer Renewals (Funded by Combined Sewer Renewal Res - Sewer Frontage Levy)	5C-38	9,080
Outfall Maintenance	5C-38	552
LAND DRAIN, RESIDENTIAL - WATER & WASTE DEPT.	...	9,632
TOTAL WATER & WASTE - TAX SUPP. PROGRAM	...	18,761
TOTAL WATER & WASTE - TAX SUPP. DEBENTURES		3,181
<u>WATER & WASTE DEPARTMENT - Utility Supported</u>		
<u>WATER WORKS SYSTEM - Utility Funding</u>		
Shoal Lake Aqueduct Condition Assessment & Rehabilitation - Aqueduct Renewal Reserve Funding	5C-11	2,000
GWWD Railway Bridge Replacement	5C-11	900
Land Based Information System (See Also Related Funding in Corporate Services and Sewage Disposal System Budgets)	1D-01	425
Computerized Work Management System	2B-02	1,250
One-stop Counter Service at 510 Main	1D-01	140
Plinguet Yard Replacement	5C-38	1,000
Watermain Renewals (Funded from Watermain Renewal Reserve Fund - Watermain Frontage Levy)	5C-38	6,500
GROSS WATERWORKS BUDGET (Utility Supported)	...	12,215
TOTAL WATERWORKS SUPPORTED DEBENTURES	...	3,715
<u>SEWAGE DISPOSAL SYSTEM - Utility Funding</u>		
Grit Handling Upgrade - NEWPCC *	5C-17	1,400
Un-Ionized Ammonia/Nitrification Study - Environmental Reserve Funding	5C-26	1,000
Lift Stations Upgrading *	5C-24	250
D'Arcy Lift Stn and Ft Garry/St Vital Interceptor Upgrading *	5C-24	869
Combined Sewer Overflow (CSO) Management Strategy & Misc Mitigation - Environmental Reserve Funding	5C-25	750
Land Based Information System * (See Also Related Funding in Corporate Services and Waterworks System Budgets)	1D-01	425
Computerized Work Management System *	2B-02	1,250
One-stop Counter Service at 510 Main*	1D-01	140
Plinguet Yard Replacement*	5C-38	1,000
* Financed from Sewage Disposal Retained Earnings		
TOTAL SEWAGE DISPOSAL - REGIONAL	...	7,084
RESIDENTIAL		
Wastewater Sewer Renewal (Funded from Wastewater Sewer Renewal Reserve - Sewer Frontage Levy)	5C-28	420
TOTAL SEWAGE DISPOSAL - RESIDENTIAL	...	420
GROSS SEWAGE DISPOSAL BUDGET	...	7,504

Exhibit 6: Statement of Current and Potential Debenture Debt

	(\$000's)
As at December 31, 1998:	
Outstanding Debt	\$ 1,123,056
LESS: Sinking Fund	<u>291,164</u>
Net Debt	831,892
Outstanding Capital Borrowing Authorizations	<u>260,015</u>
Net Debt as of December 31, 1998	1,091,907
 ADD: Debt Authorized in 1999 Budget	 22,085
LESS: Debt Maturing during 1999	11,183
LESS: Sinking Fund Accumulation including interest during 1999	<u>54,698</u>
 Net Debt as of December 31, 1999	 <u>\$ 1,048,111</u>
 ADD: Debt Forecasted in 2000 Budget	 29,390
LESS: Net Debt Maturing during 2000	57,399
LESS: Projected Sinking Fund accumulation during 2000	<u>8,120</u>
 Potential Net Debt as of December 31, 2000	 <u>\$ 1,011,982</u>

Note: Includes Charleswood Bridge lease obligation and current portion of long-term debt. Does not include debt incurred by Winnipeg Enterprises Corporation and Winnipeg Housing Rehabilitation Corporation.

Exhibit 7: Cash Flow Projections for 2000 - 2005 Capital Program

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
<u>SUMMARY OF GROSS CAPITAL PROGRAM</u>								
TAX-SUPPORTED								
Local Improvements	680	758	750	750	750	750	112	4,550
Public Works	21,084	37,136	37,234	40,519	43,098	39,899	5,349	224,319
Land Drainage and Flood Control	20,889	20,384	23,974	20,974	23,574	24,480		134,275
Community Services	431	745	1,995	1,941	2,431	2,896	200	10,639
Community Incentive Grants	694	1,435	1,235	1,326	1,352	1,393	472	7,907
Police	400	3,925			149	1,760	322	6,556
Emergency Response Services	1,000	390	750	1,191		2,020		5,351
Planning, Property and Development	8,589	7,341	7,710	10,972	8,507	7,350		50,469
Corporate Finance	2,000	1,416	3,645	2,500	1,500	2,500		13,561
City Clerks	100	500	150	110		200		1,060
Corporate Services	5,216	3,618	1,349	3,766	3,557	2,490		20,196
Property Assessment				500	500			1,000
Hydro Street Lighting				100	350	350		800
Non-departmental	1,300	1,300		47	857	2,032		5,536
Gross Tax Supported General	62,383	79,148	78,792	84,696	86,625	88,120	6,455	486,219
Transit	434	200	33,999	2,200	24,722	15,521	182	77,258
Gross Total Tax Supported Including Transit	62,817	79,348	112,791	86,896	111,347	103,641	6,637	563,477
UTILITIES								
Hydro Electric System	18,200	37,145	38,075	37,355	33,655	31,915	6,500	202,845
Waterworks System	17,625	14,925	17,600	36,918	91,425	91,325	250	270,068
Sewage Disposal System	2,895	5,547	20,337	24,018	14,095	10,670	1,250	78,812
Gross Total Utilities	38,720	57,617	76,012	98,291	139,175	133,910	8,000	551,725
GROSS TOTAL CAPITAL PROGRAM	101,537	136,965	188,803	185,187	250,522	237,551	14,637	1,115,202

Note that this section presents the capital program based on expected cash flow. The Capital Projects Summary in Section 2 is presented on an authorization basis.

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
<u>CAPITAL PROJECTS LISTING</u>								
<u>PUBLIC WORKS DEPARTMENT</u>								
LOCAL IMPROVEMENTS (L.I.) - Ongoing Program	680	758	750	750	750	750	112	4,550
REGIONAL STREETS								
New Transportation Facilities:								
Sterling Lyon Parkway - Victor Lewis Dr to Kenaston Blvd						100		100
Moray St Extension to Grant Ave	750		5,904	1,042				7,696
- Charleswood Transportation Levy*		1,000						1,000
Total New Transportation Facilities	750	1,000	5,904	1,042		100		8,796
Street Improvements:								
Kenaston Blvd - Academy Rd to Taylor Ave	85	100	100	100	355	995	165	1,900
McPhillips St - Jefferson Ave to Swales Ave Council approved as first Call against year 2000 on Mar 24/99	1,387	5						1,392
Dakota St - Abbottsford Cr to Paddington Rd				2,055	412			2,467
- Developers				283				283
St Anne's Rd - Novavista Dr to Warde Ave						255	45	300
Total Street Improvements	1,472	105	100	2,438	767	1,250	210	8,342
Regional Street Renewals:								
Street Renewals - Annual Program	5,260	8,914	8,375	7,403	13,191	10,092	1,404	54,639
Cumberland Ave - Maryland St to Hargrave St	196	34						230
Fermor Ave - Dunkirk Dr to St Anne's Rd Council approved as first Call against year 2000 on Mar 24/99	595	105						700
Total Street Renewals	6,051	9,053	8,375	7,403	13,191	10,092	1,404	55,569
Waterway Crossings and Grade Separations:								
Waterway Crossings/Grade Separations - Normal Annual Program		1,275	650	500	1,350	3,625	600	8,000
Henderson Highway Culvert	510	90						600
Bridge Deck Restoration - Deck Sealing Program	425	75						500
Provencher Bridge	3,400	16,665	11,335	10,000	8,300	6,385	915	57,000
Disraeli Bridge and Overpass Facility	85	100	143	447	245	880	150	2,050
Total Waterway Crossings & Grade Separations	4,420	18,205	12,128	10,947	9,895	10,890	1,665	68,150
Traffic Engineering Improvement Various Locations	425	500	500	500	925	1,000	150	4,000
Pedestrian and Cycle Facilities - Normal Annual Program	255	300	300	300	300	300	45	1,800
Land Acquisition - Transportation Rights-of-Way (Normal Annual Program)					600			600
TOTAL REGIONAL STREETS	13,373	29,163	27,307	22,630	25,678	23,632	3,474	145,257

* Pending review

CAPITAL PROJECTS SUMMARY	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
LOCAL STREETS								
Residential Street Renewal	4,519	5,164	7,433	8,656	9,585	10,056	1,516	46,929
Curb Repair Program	213	250	250	250	250	250	37	1,500
Lane Renewals - 5 Communities, Various				1,939	2,686	1,264	150	6,039
Sidewalk Renewals - 5 Communities, Various	425	500	500	840	900	900	135	4,200
TOTAL LOCAL STREETS	5,157	5,914	8,183	11,685	13,421	12,470	1,838	58,668
Asset Management System	340	60						400
Land Drainage Sewers - 3 Areas, Various	213	250	250	250	250	250	37	1,500
TOTAL REGIONAL AND LOCAL STREETS (not incl. L.I.)	19,083	35,387	35,740	34,565	39,349	36,352	5,349	205,825
TOTAL REGIONAL AND LOCAL STREETS (incl. L.I.)	19,763	36,145	36,490	35,315	40,099	37,102	5,461	210,375
PARKS AND OPEN SPACE								
Aesthetically Improved Streets - Improvements				100	114	257		471
Reforestation Program - Improvements	339	155	557	500	383	400		2,334
Athletic Fields - Development				262	168			430
Athletic Fields - Improvements		200		100	198	695		1,193
Parks - Development (Phase II)				1,992	772	75		2,839
Parks - Improvements		371	323	260	294	300		1,548
Playgrounds	500							500
Total Parks and Open Spaces	839	726	880	3,214	1,929	1,727		9,315
BUILDING SERVICES								
Community Centres - Refurbishing and Improvements	140	220	411	1,150	400	350		2,671
Building Refurbishing/Improvements - Arenas				600	520	175		1,295
Building Refurbishing/Improvements - Indoor Aquatic Facilities	1,022	663	203	440	420	350		3,098
Building Refurbishing/Improvements - Outdoor Aquatic Facilities				150		195		345
Building Refurbishing/Improvements - Miscellaneous		140		400	480	200		1,220
A/C Plant Refurbishing - Ozone Depletion Act Compliance						200		200
Fire/Life Safety Replacement/Abestos Removal						225		225
Energy Conservation Initiatives						125		125
Total Building Services	1,162	1,023	614	2,740	1,820	1,820		9,179
TOTAL PUBLIC WORKS (not incl L.I.)	21,084	37,136	37,234	40,519	43,098	39,899	5,349	224,319
TOTAL PUBLIC WORKS (incl L.I.)	21,764	37,894	37,984	41,269	43,848	40,649	5,461	228,869

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
<u>COMMUNITY SERVICES DEPARTMENT</u>								
Community Incentive Grant Program	694	1,435	1,235	1,326	1,352	1,393	472	7,907
Assiniboine Park Zoo Development			100		500	1,450		2,050
Assiniboine Park Zoo - Improvements		200	270	200	100	466	200	1,436
Cemeteries - Improvements				166	501			667
Computer Acquisition	131	120	200	200		350		1,001
Library Replacements - Various						521		521
Millenium Library (Conditional Upon Other Funding Being in Place)			1,000	1,000	1,000	—		3,000
Security Systems - Various Branches				50	50	29		129
Community Computer Access Program	300	425	425	325	280	80		1,835
SUBTOTAL	431	745	1,995	1,941	2,431	2,896	200	10,839
TOTAL COMMUNITY SERVICES	1,125	2,180	3,230	3,267	3,783	4,289	672	18,546
<u>POLICE DEPARTMENT</u>								
Vehicle Inspection Building					149			149
P.A.R.C.S. Replacement	400	3,350						3,750
Mobile Data Terminal Upgrade		575						575
Automatic Vehicle Locator						1,582		1,582
Renovations - 5th Floor Public Safety Building						178	322	500
TOTAL POLICE	400	3,925			149	1,760	322	6,556
<u>EMERGENCY RESPONSE SERVICES DEPARTMENT</u>								
Fire Station Rationalization (Combining Stations)		390	750	250				1,390
Fire/Ambulance Dispatch Centre Integration	750							750
Replacement of No. 12 Fire Station						1,579		1,579
Fire Protection Systems Upgrade for 3 Storey Fire Stations				263				263
No. 2 Fire Station Structural Repair	250							250
Water Main Extension for Fire Fighting Training				399				399
Fire Information Network				279				279
Burn Building Simulator						441		441
TOTAL EMERGENCY RESPONSE SERVICES	1,000	390	750	1,191		2,020		5,351

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
<u>PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT</u>								
<u>CIVIC ACCOMMODATIONS</u>								
General Building Renovation and Refurbishing	300	209	400	300	300	500		2,009
Civic Buildings, Barrier Free Access	106	206	206		104			622
Removal of Asbestos		168	168		168			504
Administration Building Alterations				200	200			400
510 Main Street - Elevator Controls			390					390
Council Building Redevelopment		500						500
Fire Safety Upgrading - Various Locations			100	400				500
Central Yard Relocation				1,382	1,600	500		3,482
251 Donald St. - Complete Roof Replacement	35	200						235
Total Civic Accommodations	441	1,283	1,264	2,282	2,372	1,000		8,642
<u>Special Projects:</u>								
Public Safety Building, Exterior Cladding			550	3,000	1,500	1,000		6,050
Concourse Upgrading		300						300
Computer Automation	100					200		300
Cooling Plant Refurbishing			300	850				1,150
Energy Conservation					225	200		425
Restoration of Historic Gates			154					154
Civic Centre Carpark Tunnel			1,092					1,092
Tenant Improvement Prepayment, Major Department						600		600
Historic Building Stabilization	200	300		500		500		1,500
Total Civic Accommodations Special Projects	300	600	2,096	4,350	1,725	2,500		11,571
Total Civic Accommodations	741	1,883	3,360	6,632	4,097	3,500		20,213
<u>PLANNING & LAND USE</u>								
Weather Protected Pedestrian System				250	250			500
Streetscaping - St Anne's/St Mary's Roads	300							300
Streetscaping	250	250	250	400	500	500		2,150
Riverbank Stabilization for City-Owned Riverbanks	300	200	200	200	200			1,100
Land Acquisition - Riverbank	300							300
Riverbank Greenway Programs (Formerly Pathways/Stabilization)	100			440	460	350		1,350
Subtotal	1,250	450	450	1,290	1,410	850		5,700

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
Manitoba/Winnipeg Community Revitalization Program (MWCRP):								
Point Douglas MWCRP	25	475	475	150				1,125
- Provincial UCPA III	25	475	475	150				1,125
West End MWCRP	375	375	500					1,250
- Provincial UCPA III	375	375	500					1,250
St Boniface MWCRP	375	375	375	375				1,500
- Provincial UCPA III	375	375	375					1,125
- Provincial UCPA IV				375				375
Wolseley MWCRP			500	500	500			1,500
- Provincial UCPA III			500					500
- Provincial UCPA IV				500	500			1,000
Burrows Central MWCRP				500	500	500		1,500
- Provincial UCPA IV				500	500	500		1,500
Luxton MWCRP					500	500		1,000
- Provincial UCPA IV					500	500		1,000
Neighbourhood to be named						500		500
- Provincial UCPA IV						500		500
Total Manitoba/Winnipeg Community Revitalization Program	1,550	2,450	3,700	3,050	3,000	3,000		18,750
Intergovernmental Agreements (former CORE):								
Winnipeg Development Agreement	3,548	2,558						6,106
Total Intergovernmental Agreements	3,548	2,558						6,106
Total Planning and Land Use	6,348	5,458	4,150	4,340	4,410	3,850		28,556
Canada Packers Building Demolition	1,500							1,500
Parks Development - Developer Payback			200					200
Total Corporate Programs	1,500		200					1,700
TOTAL PLANNING, PROPERTY AND DEVELOPMENT	8,589	7,341	7,710	10,972	8,507	7,350		50,469
<u>CORPORATE FINANCE DEPARTMENT</u>								
Financial Management System	2,000	1,416	3,645	2,500	1,500	2,500		13,561
<u>CITY CLERKS DEPARTMENT</u>								
Office Automation - City Clerks	100	100				200		400
Electronic Records Management		400	150	110				660
TOTAL CITY CLERKS	100	500	150	110		200		1,060

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
<u>CORPORATE SERVICES DEPARTMENT</u>								
Special Projects:								
Communications Network Infrastructure	841	416	698	602	723	611		3,891
Network Computing Initiatives	248	166	151	251	251	199		1,266
Land Based Information System (See Also Related Funding in Waterworks System and Sewage Disposal System Budgets)	1,380	400						1,780
Corporate Information Systems Development			500	2,413	2,583	1,680		7,176
Desktop Standardization	1,486	500						1,986
Enterprise Resource Planning System	1,261	2,336		500				4,097
TOTAL CORPORATE SERVICES	5,216	3,818	1,349	3,766	3,557	2,490		20,196
<u>PROPERTY ASSESSMENT DEPARTMENT</u>								
Assessment Automation				500	500			1,000
<u>NON-DEPARTMENTAL PROJECTS:</u>								
Convention Centre Cladding	650	650						1,300
- Provincial Funding from VLT Revenues	650	650						1,300
Unallocated Strategic Projects					689	1,000		1,689
Special Innovative Capital				47	168	1,032		1,247
TOTAL NON-DEPARTMENTAL PROJECTS	1,300	1,300		47	857	2,032		5,536
<u>TRANSIT DEPARTMENT</u>								
Bus Radio System Replacement with AVL Enhancement			1,000	2,000	2,000	960		5,960
Bus Washer Replacement / Refurbishment	266							266
Regular Transit Buses								
- Transit Bus Replacement Reserve			16,560		11,321	5,913		33,794
- Province - UCPA III			9,000					9,000
- Province - UCPA III Unconditional			7,239					7,239
- Province - UCPA IV					6,000	3,000		9,000
- Province - UCPA IV Unconditional					5,101	2,798		7,899
Fare Collection System						2,000		2,000
Innovative Transit Program	168	200	200	200	200	600	182	1,750
Transit Building Replacement/Refurbishment					100			100
Southwest Transit Corridor						250		250
GROSS TRANSIT BUDGET	434	200	33,999	2,200	24,722	15,521	182	77,258
TRANSIT BORROWING	434	200	1,200	2,200	2,300	3,810	182	10,326

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
<u>HYDRO ELECTRIC SYSTEM</u>								
<u>Tax Supported Portion - Street Lighting</u>								
Replace Wood Pole Lighting with Ornamental Lighting				100	100	100		300
Upgrading Lighting Plant on Bridges					250	250		500
TOTAL HYDRO - TAX SUPP. PROGRAM				100	350	350		800
<u>Utilities Supported Portion</u>								
Pointe du Bois Generating Station:								
Tramway Building Replacement		300	400					700
Replace Turbine/Generator Unit No. 2	5,000	9,500						14,500
Replace Turbine/Generator Units No. 3 & 4		6,000	14,000	8,000				28,000
Replace Turbine/Generator Unit No. 7 (Straflo Unit 5)				6,000	8,000			14,000
Rehabilitate Main Spillway Rollways/Piers and Replace Sluiceways/Hoisting Equipment		900	600					1,500
Replace Transformer No. 2 and Switchgear				1,500	1,000			2,500
Powerhouse Life Extension Program	1,000	1,000	4,000	1,000		5,000		12,000
Replace Transformers No. 3 & 5 and 69 kV/138 kV Equipment, Re-terminate Generators 9 to 12						3,250		3,250
Miscellaneous Spillway Repairs						400	400	800
Control Room Upgrade						400	350	750
SCADA and Control Systems						500	500	1,000
Slave Falls Generating Station:								
Replace Obsolete Powerhouse Equipment - Transformers, Governors, etc.			1,450	1,000	1,000			3,450
Rewind No. 2 Generator Stators & Rehabilitate No. 1 & 2 Turbine			1,600	3,200				4,800
Repair of North and Creek Spillway Rollways	1,000	2,500						3,500
Rehabilitate Main Unit Headgates/Rollerpaths	300	800	800	800	800	800		4,300
Rehabilitate Sluiceways and Hoisting Equipment	300	300	400	400	400	400		2,200
Rehabilitate Unit No. 3 Turbine					1,500			1,500
Replace Obsolete Remote Supervisory Control with SCADA	150	250	100					500
Rehabilitate Powerhouse Structure						500	500	1,000
Rehabilitate Unit No. 4 Turbine						800	900	1,700
Upgrade Control House Equipment						500		500
Automate Local Service Generators						500		500
Pointe du Bois Lines - Upgrade Transmission Lines	3,500	6,000	6,000	6,000	6,000	6,000		33,500
Winnipeg Lines - Purchase and Install a 69 KV Cable Between No 3 and 12 Substation		1,500	1,500	1,350				4,350

CAPITAL PROJECTS SUMMARY	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
	CASH	CASH	CASH	CASH	CASH	CASH	CASH	CASH
FUNCTION/PROJECT	FLOW	FLOW	FLOW	FLOW	FLOW	FLOW	FLOW	FLOW
Distribution - Various Substations:								
Various Substations - Capacitors		130				100		230
Various Substations - Master Trip System	300							300
Various Substations - Relay System	250	250	250	250	250	250		1,500
Various Substations - Potential Transformers				200				200
Various Substations - Circuit Breakers and Buswork	400	800	800	800	800	800		4,400
No. 1 Substation - Terminate of 69 kV Cable			500					500
No. 3 Substation - Termination of 69 KV cable from No. 12 Substation		500	170					670
No. 5 Substation - Manitoba Hydro/Wpg. Hydro Interconnection					1,000	2,000	2,000	5,000
No. 5 Substation - Upgrade - 138/69 kV Switchyard						500	500	1,000
No. 6 Substation - Upgrade - 138/69 kV Switchyard						500	500	1,000
No. 7 Substation - Substation Upgrade				1,500	1,500			3,000
No. 7 Substation - Grounding Transformer					500			500
No. 9 Substation - Substation Upgrade - Purchase Electrical Equipment - Phase 1						900	850	1,750
No. 12 Substation - Installation of Transformer, Building & Switchgear	500	750	340					1,590
No. 21 Substation - Switchyard Wall						300		300
No. 22 Substation - Purchase 69 kV/480 kV Transformer			400					400
Hydro Distribution:								
Central Control - SCADA	500	500			1,000			2,000
Emergent Equipment	250	250	250	250	250	250		1,500
Replacement of Overhead Plant	100	500	100	100	100	100		1,000
Supply Load Increases	1,100	1,100	1,100	1,100	1,100	1,100		6,600
Supply New Customers /Network System - New Services	775	775	775	775	775	775		4,650
System Improvements & Replacements	1,000	1,000	1,000	1,000	1,000	1,000		6,000
Conversion of Downtown Area	300	300	300	300	300	300		1,800
Overhead to Underground Conversion of Major Streets					740	740		1,480
Image Route Improvements	500	500	500	500	500	500		3,000
Remove Overhead on Academy Rd from Kenaston to Cambridge					2,400			2,400
No. 6 Substation Ductline and Cable	235							235
Miscellaneous:								
Garage Building - Vehicle & Equipment Replacement	240	240	240	330	240	250		1,540
Operating Buildings - Building Rearrangement - Modifications to Operating Buildings	500	500	500	500	500	500		3,000
Customer Premises - Water Heater Control & Automatic Meter Reading				500	2,000	2,000		4,500
GROSS HYDRO BUDGET (Utility supported)	18,200	37,145	38,075	37,355	33,655	31,915	6,500	202,845
HYDRO SUPPORTED DEBENTURES	18,200	37,145	38,075	37,355	33,655	31,915	6,500	202,845

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
<u>WATER & WASTE DEPARTMENT</u>								
<u>Tax Supported Portion - Land Drainage and Flood Control</u>								
LAND DRAINAGE - REGIONAL								
Combined Sewer Flood Relief								
- Sewer Frontage Levy Funding	7,000	7,500	7,500	7,200	7,200	7,200		43,600
Flood Relief Sewers - Separate								
- Sewer Frontage Levy Funding				300	300	300		900
Impoundment Shoreline Replacement/Upgrading	100	100	100		100	100		500
Regional Flood Protection	359	444	444	444	444	450		2,585
Flood Pumping Station Reliability Upgrades			1,000	1,000	1,000	1,450		4,450
Land Drainage Sewers Outfall Gate Structures			2,000	500	2,000	2,000		6,500
Development Agreement Paybacks:								
- Developer Capacity Charges Financing	500	510				600		1,610
Flood Activity / Emergency Information System	1,400	300						1,700
Floodplain Management			300					300
Permanent Secondary Dikes (Contingent on 90% Federal/Provincial Contribution on \$40 Million Project)	1,000		1,000		1,000	400		3,400
St Germain / Vermette Drainage Study			100					100
Permanent Land Drainage Pumping Station at Kilkenny and Rice						800		800
TOTAL LAND DRAINAGE - REGIONAL	10,359	8,854	12,444	9,444	12,044	13,300		66,445
LAND DRAINAGE - RESIDENTIAL								
Combined Sewer Renewals (Funded by Combined Sewer Renewal Reserve - Sewer Frontage Levy)	10,080	11,080	11,080	11,080	11,080	11,080		65,480
Outfall Maintenance	450	450	450	450	450	100		2,350
TOTAL LAND DRAINAGE - RESIDENTIAL	10,530	11,530	11,530	11,530	11,530	11,180		67,530
TOTAL LAND DRAINAGE AND FLOOD CONTROL	20,889	20,384	23,974	20,974	23,574	24,480		134,275
TOTAL LAND DRAINAGE AND FLOOD CONTROL INTERNAL BORROWING	3,309	1,294	5,394	2,394	4,994	5,300		22,685

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
WATER & WASTE DEPARTMENT - Utility Supported								
WATER WORKS SYSTEM - Utility Funding								
Long Term Zebra Mussel Mitigation (1)		300	300	400				1,000
Shoal Lake Aqueduct Condition Assessment & Rehabilitation - Aqueduct Renewal Reserve Funding	5,000	5,000	4,400	2,400				16,800
Waverley Street Feedermain (1)	2,100							2,100
Saskatchewan Avenue Feedermain (1)				1,163				1,163
Water Treatment - Preliminary Engineering & Pre-Design - Water Treatment Reserve funding	1,500							1,500
Water Treatment Plant - Functional & Detailed Design & Construction					36,000	67,000		103,000
- Water Treatment Reserve funding	1,000	3,000	6,000	26,000	48,000	13,000		97,000
GWWD Railway Bridge Replacement (1)			400	130				530
Lagimodiere Boulevard Feedermain (1)						1,300		1,300
McPhillips Pumping Station - Natural Gas Engine Replacement (1)						1,000		1,000
MacLean Pumping Station - Natural Gas Engine Replacement (1)						1,000		1,000
Branch 1 Aqueduct - Seine River Crossing Bank Stabilization (1)						250	250	500
Water SCADA Replacement (1)						1,275		1,275
Land Based Information System (See Also Related Funding in Corporate Services and Sewage Disposal System Budgets) (1)	125							125
Computerized Work Management System (1)	1,400	125		125	125			1,775
Pumping Stations - Chlorine Vent Scrubbers (1)				200	800			1,000
Watermain Renewals (Funded from Watermain Renewal Reserve Fund - Watermain Frontage Levy)	6,500	6,500	6,500	6,500	6,500	6,500		39,000
(1) Financed from Waterworks Retained Earnings	3,625	425	700	2,018	925	4,825	250	12,768
GROSS WATERWORKS BUDGET (Utility Supported)	17,625	14,925	17,600	36,918	91,425	91,325	250	270,068
TOTAL WATERWORKS SUPPORTED DEBENTURES					36,000	67,000		103,000

<u>CAPITAL PROJECTS SUMMARY</u>	2000	2001	2002	2003	2004	2005	Beyond	Total
	000's	000's	000's	000's	000's	000's	000's	000's
FUNCTION/PROJECT	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW	CASH FLOW
SEWAGE DISPOSAL SYSTEM - Utility Funding								
Grit Handling Upgrade - NEWPCC (2)		1,250	1,250					2,500
Primary Clarifier Covers - NEWPCC (2)		300	3,000	3,900				7,200
Wastewater Disinfection - NEWPCC - Environmental Reserve Funding		867	9,380	4,753				15,000
Chlorine Containment & Vent Scrubber - NEWPCC (2)				200	2,800			3,000
High River Level (Flood) Protection - NEWPCC (2)						750		750
High River Level (Flood) Protection - SEWPCC (2)			2,000					2,000
Capacity Study/Preliminary Engineering - SEWPCC (2)		200	500	1,500	1,500			3,700
Primary Clarifier Expansion - SEWPCC (2)			250	4,500	4,000			8,750
Wastewater Disinfection - WEWPCC - Environmental Reserve Funding			980	1,750				2,730
Lift Stations Upgrading (2)	250	250	250	250	250	250		1,500
Perimeter Road Pumping Station - Pump Upgrade (2)		500						500
Provencher Bridge - Reconstruction of Dumoulin Foremain (2)	500							500
Fort Garry Interceptor - McGillivray/Kenaston Extension (2) (See Note Below)				1,620				1,620
Regional Sewer Engineering & Renewal Program (2)	200	385						585
Combined Sewer Overflow (CSO) Management Strategy & Misc Mitigation - Environmental Reserve Funding		1,250	1,750	5,000	5,000	5,000		18,000
Warder Interceptor - Development Agreement Paybacks (2)			557					557
Wastewater Collection SCADA System (2)						1,250	1,250	2,500
Inflow/Infiltration/Cross-Connection Study and Mitigation (2)						2,000		2,000
Sewer System Isolation in Areas Protected by Secondary Dikes (2)						1,000		1,000
Land Based Information System (2) (See Also Related Funding in Corporate Services and Waterworks System Budgets)	125							125
Computerized Work Management System (2)	1,400	125		125	125			1,775
(2) Financed from Sewage Disposal Retained Earnings	2,475	3,010	7,807	12,095	8,675	5,250	1,250	40,562
TOTAL SEWAGE DISPOSAL - REGIONAL	2,475	5,127	19,917	23,998	13,675	10,250	1,250	78,292
RESIDENTIAL								
Wastewater Sewer Renewal (Funded from Wastewater Sewer Renewal Reserve - Sewer Frontage Levy)	420	420	420	420	420	420		2,520
TOTAL SEWAGE DISPOSAL - RESIDENTIAL	420	420	420	420	420	420		2,520
GROSS SEWAGE DISPOSAL BUDGET	2,895	5,547	20,337	24,018	14,095	10,670	1,250	78,812

Note: This project was revised by Council Jan 26/00 increasing the project cost to \$3.4 million and advancing it to the year 2000. Increased financing is from the Sewage Disposal Retained Earnings. The figures provided above reflect those as at the date Council adopted the capital budget on December 16, 1999.

**Exhibit 8: Reconciliation of Preliminary 2000 – 2005
Capital Program to 2000 – 2005 Capital Program
Adopted by Council**

**2000 ANNUAL CAPITAL ESTIMATES
and
2001 TO 2005 FIVE-YEAR CAPITAL FORECAST**

	2000	FORECAST					TOTAL
		2001	2002	2003	2004	2005	
		(in thousands of dollars)					
Gross Total Preliminary Capital Program	134,953	154,651	167,648	187,447	230,750	239,753	1,115,202
Millennium Library (conditional upon other funding being in place)			1,000	1,000	1,000		3,000
Playgrounds	500						500
Corydon/Osborne/McMillan/Pembina - Complex						(250)	(250)
Southwest Transit Corridor						250	250
Community Incentive Grants - reinstate to 1999 levels as borrowing cap permits. Note that the amount recommended for the year 2000 includes \$311,000 for the year 2000 and \$171,000 for projects in 2001.	482			311	311	311	1,415
Unallocated Strategic Projects			(1,000)	(1,000)	(1,311)		(3,311)
Special Innovative Capital	(982)			(311)		(311)	(1,604)
Total Changes	-	-	-	-	-	-	-
Gross Total Capital Program Adopted by Council	134,953	154,651	167,648	187,447	230,750	239,753	1,115,202

Note: This presentation does not reflect the revision by Council Jan.26/00 increasing the Fort Garry Interceptor - McGillivray/Kenaston Extension from \$1.62 million to \$3.40 million and advancing it from the year 2003 to the year 2000.

Exhibit 9: Glossary

Aqueduct Rehabilitation Reserve Fund - Established by City Council on January 24, 1996, the purpose of this reserve fund is for the renewal of the City's aqueduct. It is financed by monthly transfers from the Waterworks System Fund based on the amount of water consumption billed. Prior to 1996, funds were appropriated in the Waterworks System Fund for the Aqueduct Rehabilitation project.

Authorized Borrowing - The amount authorized by the Minister of Finance of the Province of Manitoba pursuant to The City of Winnipeg Act, Section 282 for The City of Winnipeg to borrow for capital purposes. Although authorized, the funds are not actually borrowed until required.

Capital - The Capital Budget is generally restricted to items which have a cost of \$100,000 or more and a useful life of 10 years or longer. Minor maintenance type projects should not be included in the capital budget even though the costs may exceed the dollar limit for capital works. Major equipment replacements with very large dollar values such as computer mainframe upgrades should be included in the capital budget even though their useful life may be less than 10 years. (Tax-supported projects of this nature are financed through the General Reserve at a three to five year amortization rate not through external debenture financing.)

Capital Estimates - An annual plan of the capital projects to be undertaken by the City, together with the method of financing. The capital estimates are prepared for the current year and the subsequent five years. Only the current year's budget is adopted and the remaining five years are approved as a forecast. (See also Five Year Capital Forecast.)

Capital Projects/Capital Works - Capital improvements and other works are generally considered to be projects of a fixed nature and long life which provide new, additional or replacement of public facilities such as streets, water mains, sewers, public buildings, parks, playgrounds, recreational centres, land, etc. Major replacements such as asphalt resurfacing of streets, water main renewals, and waste water sewer renewals could also be considered as capital works. Land acquisition and local improvements are considered to be capital works regardless of expected cost. Capital expenditures are typically acquisition, development or major renovations to assets where the benefit of the expenditure extends into the future.

Community Committees - The City of Winnipeg Act established five sub-committees of Council consisting of three wards in each committee. Its purpose is to allow for and encourage public participation in the political process.

Debt Charges - The annual amount of principal and interest which must be paid each year through the current operating budget. There are two forms of debenture structure. A Sinking Fund debenture issue requires annual payments to be made to the Sinking Fund comprised of principal and a 3% interest earnings component. These funds are then invested by the Sinking Fund for the retirement of the debenture issue on its maturity date. A serial issue requires annual payments of principal and interest in order that the debt is paid off in regular installments throughout the life of the issue.

Environmental Projects Reserve Fund - On December 17, 1993, City Council established the River Quality Environmental Studies Reserve for the purpose of funding environmental studies for river quality. On January 24, 1996, Council changed the name of this reserve to the Environmental Projects Reserve Fund to more accurately reflect the environmental nature of the

projects this reserve was set up to fund. It is financed by monthly transfers from the Sewage Disposal System Fund based on the amount of water consumption billed.

EPC - Executive Policy Committee - Chaired by the Mayor, EPC is made up of the chairpersons of Council Standing Policy Committees and the Deputy Mayor. Its purpose is to formulate and present recommendations to Council on policies, plans, budgets, by-laws and any other matters affecting the City as a whole, to ensure the implementation of policies adopted by Council, to make recommendations to Council regarding the civic administration, and to supervise senior administrators.

External Debt - Obligation resulting from the borrowing of money from sources other than City funds, primarily by the sale of debentures in public capital markets.

Financial Management Plan - The City of Winnipeg's strategy to guide its financial decision making, protect its ability to meet long-term obligations, and improve its economic position and financial stability. This document was adopted by Council on July 12, 1995, and is currently being updated. It outlines the City's top financial goals to strengthen its financial position.

Five-Year Capital Forecast - The long-term plan for capital expenditures to be incurred for the five years following the budget year. Section 336 (1) of the City of Winnipeg Act requires Council, in addition to the annual estimates for the budget year, to adopt a capital program for five years. The program must show priorities in the proposed capital expenditures, estimates of the proposed sources, and details of the proposed application of the required funds. Only the current year's budget is adopted, and the five year capital forecast is only approved as a *forecast*.

Frontage Levies - A charge, through the property tax bill, to property owners based on the number of feet of property they have abutting city streets.

General Capital Fund - The accounting fund created to account for tax-supported capital transactions of The City of Winnipeg.

General Reserve Fund - A reserve fund established by Council on May 2, 1973 by a transfer of assets from the reserve funds of former area municipalities which combined in 1972 to form the present City of Winnipeg. The primary purpose of the General Reserve is to internally finance a portion of the City's capital projects, instead of issuing external debt.

Local Improvements - Alterations you pay the City to make in your area. Can be initiated either by an area resident or the City and include paving or lighting local lanes, building sidewalks or boulevards, and installing ornamental street lights.

Pay-As-You-Go - A means of financing capital projects where the City pays for the projects from direct contributions from the current budget, from retained earnings, or from reserves established for capital purposes, rather than issuing external debt.

Plan Winnipeg - The City's strategic long-term planning document which established direction for the City and the steps that need to be taken along the way. All other documents, budgets, public works, programs, or developments initiated or approved by the City of Winnipeg must be consistent with this Plan.

Pointe du Bois Reserve Fund - On December 13, 1994, City Council, in accordance with Section 338(1) of the City of Winnipeg Act, established this reserve fund to provide funds necessary to redevelop the Pointe du Bois Generating Station. It is financed by an annual appropriation to retained earnings equal to at least 1/4% of the previous year's sale of electricity. The Sinking Fund Trustees are responsible for investment and administration functions. Co-managers of the Reserve Fund are the Director of Winnipeg Hydro and the Director of Corporate Finance.

Standing Policy Committees - Four sub-committees of Council delegated certain powers and duties to facilitate the administration of their assigned City departments, which report through them to the Executive Policy Committee and Council. They also provide a forum for public input, and receive recommendations from Community Committees related to their respective responsibilities. The four areas of responsibility are as follows: fiscal issues, property and development, public works, and protection and community services.

Tax-Supported - Programs, goods and services supplied by the City whose costs are supported, in whole or in part, by funds received through property taxation revenues.

The City of Winnipeg Act - An Act of the Province of Manitoba incorporating The City of Winnipeg, governing its structure, and delegating powers to its Council.

Transit Bus Replacement Reserve Fund - Established by City Council on December 15, 1994, the purpose of this reserve fund is to finance the replacement or refurbishment of transit buses in a scheduled and pragmatic manner. Contributions are based on a budgeted appropriation from the Transit Department, plus proceeds from the disposal of bus equipment and insurance claims on bus equipment written off. The long-term objective is that this reserve will accumulate funds through annual surpluses which will be used to finance future bus requirements. The reserve may also act as a stabilization fund for those years where the actual bus costs exceed those budgeted. This will reduce the reliance on operating and capital budgets as sources of financing. The Director of Transit is the Fund Manager.

Wastewater Sewer Renewal Reserve Fund - On May 27, 1992, City Council established this reserve fund for the purpose of renewal and rehabilitation of wastewater sewers. It is financed from the frontage levy, which can be allocated by Council between the Wastewater Sewer Renewal Reserve and the Combined Sewer Renewal Reserve as required.

Water Treatment Reserve Fund - On December 17, 1993, City Council initially established this reserve fund for the purpose of providing funding for a water treatment program. Subsequently on May 25, 1994, City Council approved recommendations for a water supply master plan, which included planning for the construction of a water treatment plant to treat Shoal Lake water within the following decade, subject to favourable results from public consultations. The Reserve is financed by monthly transfers from the Waterworks System Fund based on the amount of water consumption billed.

Watermain Renewal Reserve Fund - On February 18, 1981, City Council initially established this reserve fund for the purpose of financing from one source the renewal of watermains. It was initially created by the transfer of \$2.0 million of frontage levy revenue from the Waterworks System. Since 1974, The City of Winnipeg has used a frontage levy to raise revenue for watermain renewals. On December 17, 1997 Council clarified that the frontage levy

is for the specific purposes of renewal, replacement, enlargement, rehabilitation, corrosion mitigation, and non-destructive testing of watermain.

Urban Capital Projects Allocation (UCPA) - A capital projects funding agreement between the Province of Manitoba and The City of Winnipeg. The first Urban Capital Projects Allocation (UCPA I) allocated \$90 million in funding for the six year period from 1985 to 1990. The second Urban Capital Projects Allocation (UCPA II) allocated \$96 million for the six year period from 1991 to 1996. On April 22, 1997, the Minister of Urban Affairs of the Province of Manitoba announced a third Urban Capital Project Allocation (UCPA III) for the six year period of April 1, 1997 to March 31, 2003, at a total funding level of \$96 million.